

07 - PLUMBING  
INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
P-001	PLUMBING INDEX OF DRAWINGS		
P-002	LEGEND & GENERAL NOTES		
P-003	NORTH BAY AREA PLUMBING SUPPLY		
P-004	OFFICE AREA PLUMBING SUPPLY		
P-005	WEST BAY AREA PLUMBING SUPPLY		
P-006	NORTH BAY AREA PLUMBING DRAINAGE		
P-007	OFFICE AREA PLUMBING DRAINAGE		
P-008	WEST BAY AREA PLUMBING DRAINAGE		
P-009	ROOF DRAINAGE		
P-010	PLUMBING SUPPLY DETAILS - 1		
P-011	PLUMBING SUPPLY DETAILS - 2		
P-012	PLUMBING DRAINAGE DETAILS		
P-013	DOMESTIC WATER SYSTEM DETAIL		
P-014	OIL-WATER SEPARATOR		
P-015	WELL WATER STORAGE TANK		
P-016	PLUMBING MISCELLANEOUS DETAILS		

THE DESIGN APPEARS TO CONFORM TO APPLICABLE CRITERIA. APPROVAL IS NOT TO BE CONSTRUED TO MEAN THAT ALL ASPECTS OF THE DESIGN HAVE BEEN PERSONALLY CHECKED BY THE UNDERSIGNED.

TRANSPORTATION PRINCIPAL ENGINEER

LEGEND	
PIPING	
-----	COLD WATER
-----SV-----	COMBINATION WASTE AND VENT
-----A-----	COMPRESSED AIR
-----D-----	DRAIN LINE
-----F-----	FIRE LINE
-----	HOT WATER
-----R-----	HOT WATER RETURN
-----IW-----	INDIRECT DRAIN
-----MU-----	MAKEUP WATER
-----S-----	SANITARY DRAIN ABOVE FLOOR OR GRADE
-----S-----	SANITARY DRAIN BELOW FLOOR OR GRADE
-----SP-----	SPRINKLER / STANDPIPE
-----ST-----	STORM DRAIN ABOVE FLOOR OR GRADE
-----ST-----	STORM DRAIN BELOW FLOOR OR GRADE
-----T-----	TEMPERED WATER
-----	VENT
-----W-----	WASTE

FITTINGS	
-----	BRANCH OFF TOP OF MAIN
-----	PIPE RISER DOWN
-----	PIPE RISER UP
-----	UNION

VALVES	
-----	AIR LINE
-----	BACK WATER
-----	BALL
-----	BUTTERFLY
-----	CHECK
-----	FOOT
-----	GAS
-----	NON-SLAM CHECK
-----	OUTSIDE SCREW & YOKE (OS&Y)
-----	PLUG
-----	PRESSURE AND TEMPERATURE RELIEF
-----	PRESSURE REDUCING
-----	THERMOSTATIC WATER CONTROL SET AT 110° F
-----	TRIPLE DUTY

LEGEND CONT.	
PIPING SPECIALTIES	
-----	REDUCED PRESSURE PRINCIPAL BACKFLOW PREVENTER
-----	BALANCING VALVE WITH GAUGE CONNECTIONS
-----	CAP
-----	CLEANOUT
-----	CLEANOUT AT GRADE
-----	DIAL TYPE THERMOMETER
-----	DRAW OFF DRAIN
-----	EXPANSION JOINT
-----	FILTER
-----	FIRE HYDRANT OR SIAMESE
-----	FLOOR DRAIN WITH P-TRAP
-----	FLOOR DRAIN WITH OUT P-TRAP
-----	HOSE BIBB OR WALL HYDRANT
-----	IMMERSION SENSOR IN SENSOR WELL
-----	PRESSURE GAUGE WITH BRASS PETCOCK
-----	ROOF DRAIN
-----	RUNNING TRAP
-----	STRAIGHT TYPE THERMOMETER
-----	STRAINER
-----	VACUUM BREAKER
-----	WATER HAMMER ARRESTOR (WITH ACCESS DOOR IF REQUIRED)



PLUMBING FIXTURES	
-----	EYE/FACE WASH UNIT
-----	KITCHEN SINK
-----	LAVATORY
-----	SERVICE BASIN
-----	SHOWER STALL WITH SHOWER HEAD
-----	URINAL
-----	WASH FOUNTAIN
-----	WATER CLOSET
-----	WATER COOLER

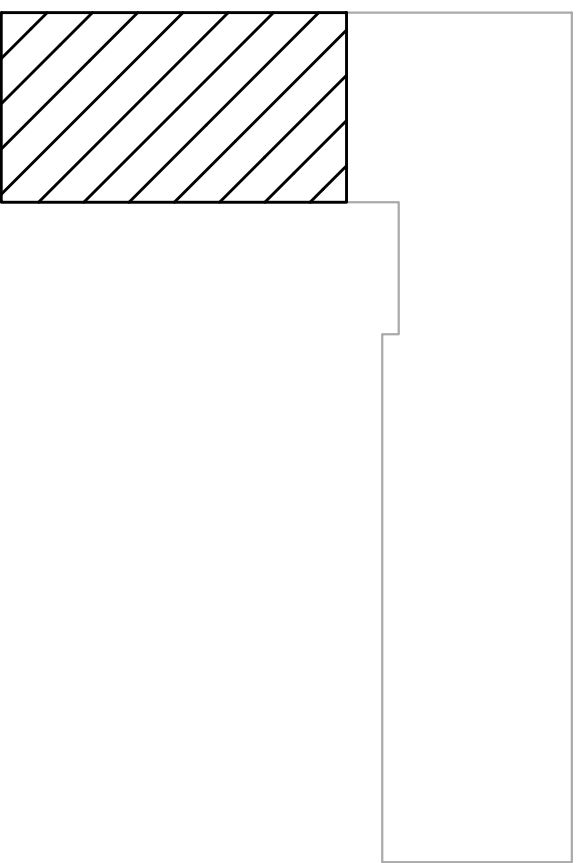
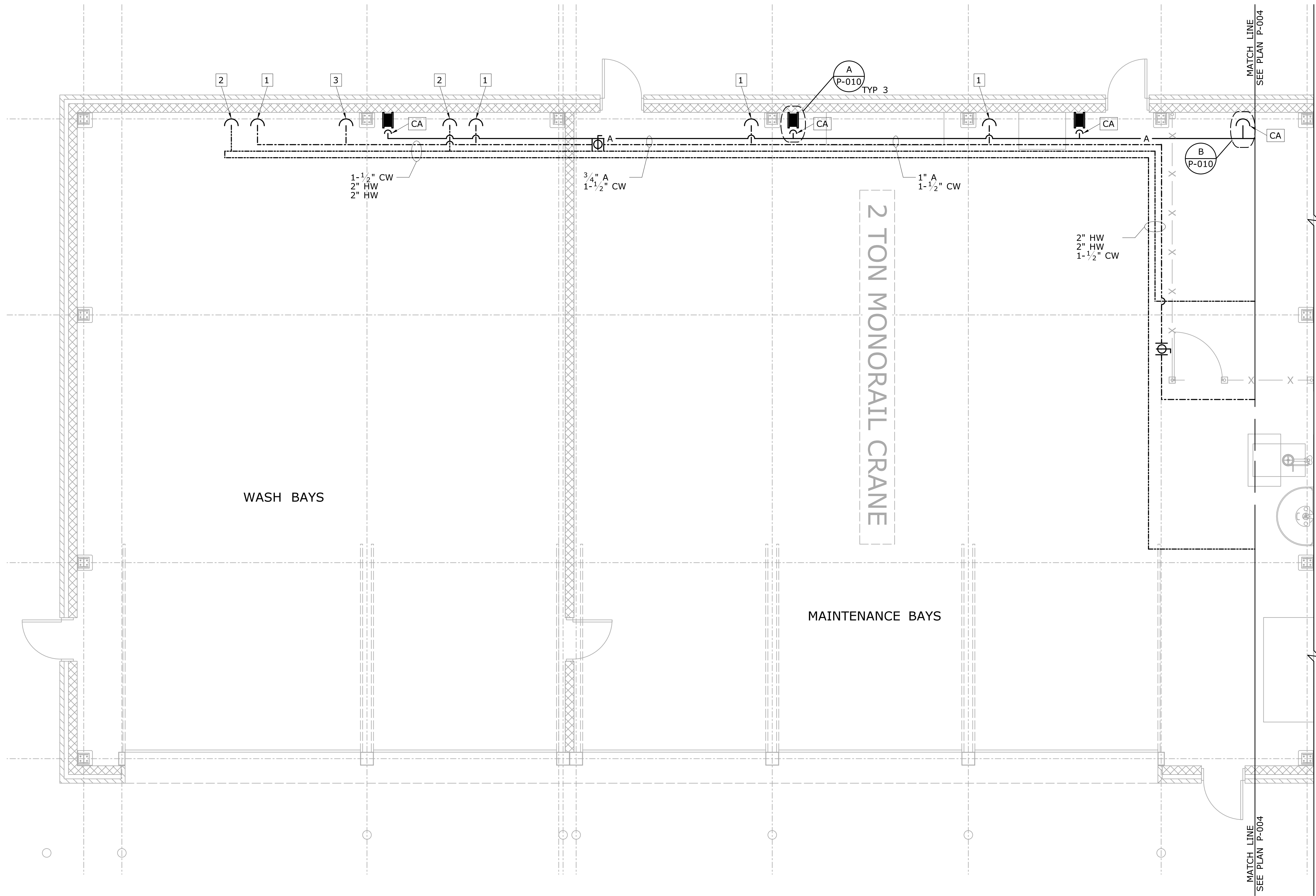
MISCELLANEOUS	
-----	1 1/2" COLD WATER DOWN TO 1/2" HOSE BIBB 32" ABOVE FLOOR. INSTALL BALL VALVE SHUTOFF PRIOR TO HOSE BIBB. INSTALL VACUUM BREAKER AT HOSE BIBB.
-----	3/4" HOT WATER DOWN TO 3/4" HOSE BIBB 32" ABOVE FLOOR. INSTALL BALL VALVE SHUTOFF PRIOR TO HOSE BIBB. INSTALL VACUUM BREAKER AT HOSE BIBB.
-----	1 1/2" COLD WATER DOWN TO 1 1/2" FEMALE NPT TO MALE NST HEX NIPPLE, 32" ABOVE FLOOR. INSTALL BALL VALVE SHUTOFF PRIOR TO ADAPTER.
-----	CENTER LINE
-----	COMPRESSED AIR DROP
-----	COMPRESSED AIR HOSE REEL
-----	DRYER
-----	PRESSURE SWITCH

ABBREVIATIONS	
ADD'L	ADDITIONAL
AFF	ABOVE FINISHED FLOOR
AVG	AVERAGE
CI	CAST IRON
CLG	CEILING
CO	CLEAN OUT
CSBV	COMBINATION SHUTOFF & BALANCE VALVE
CW	DOMESTIC COLD WATER
dia	DIAMETER
DN	DOWN
DWG	DRAWING
EL	ELEVATION
EWT&B	EACH WAY TOP & BOTTOM
FCO	FLOOR CLEANOUT
FHC	FIRE HOSE CABINET
FSP	FIRE STANDPIPE
FT	FOOT/FEET
GA	GAUGE
GAL	GALLON
GALV	GALVANIZE
GPM	GALLONS PER MINUTE
HP	HIGH POINT
HORZ	HORIZONTAL
HW	DOMESTIC HOT WATER
id	INSIDE DIAMETER
INV	INVERT
max	MAXIMUM
MH	MANHOLE
min	MINIMUM
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
oc	ON CENTER
od	OUTSIDE DIAMETER
OPP	OPPOSITE
OWSJ	OPEN WEB STEEL JOIST
PEX	CROSSLINKED POLYETHYLENE
PLCS	PLACES
PVC	POLYVINYL CHLORIDE
R	RETURN
rad	RADIUS
REINF	REINFORCED
REQ'D	REQUIRED
RL	RAIN LEADER
S	SUPPLY
SAN	SANITARY
SQ	SQUARE
STD	STANDARD
T&B	TOP & BOTTOM
TOS	TOP OF SLAB
TW	TEMPERED WATER
TPS	TRAP PRIMER SYSTEM
TD	TRENCH DRAIN
TYP	TYPICAL
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
UST	UNDERGROUND STORAGE TANK
V	VENT
VERT	VERTICAL
VIF	VERIFY IN FIELD
VTR	VENT THRU ROOF
W/	WITH
WCO	WALL CLEANOUT
W	WASTE

PLUMBING FIXTURE SCHEDULE					
MINIMUM PIPE SIZES					
NO.	FIXTURE	SANITARY	VENT	HW	CW
①	WATER CLOSET	4"	2"	---	1"
②	KITCHEN SINK	2"	1 1/2"	1/2"	1/2"
③	LAVATORY	2"	1 1/2"	1/2"	1/2"
④	WASH FOUNTAIN	2"	2"	1"	1"
⑤	URINAL	2"	1 1/2"	---	3/4"
⑥	DRINKING FOUNTAIN	2"	1 1/2"	---	1/2"
⑦	SHOWER	2"	1 1/2"	1/2"	1/2"
⑧	SERVICE BASIN	3"	2"	3/4"	1/2"
⑨	FLOOR DRAIN	3"	2"	---	---
⑩	SEALED EQUIPMENT DRAIN	3"	2"	---	---
⑪	ACCESSIBLE WATER CLOSET	4"	2"	---	1"
⑫	ACCESSIBLE LAVATORY	2"	1 1/2"	1/2"	1/2"
⑬	ACCESSIBLE URINAL	2"	1 1/2"	---	3/4"
⑭	EYE/FACE WASH UNIT	---	---	1/2"	1/2"
⑮	ACCESSIBLE WATER COOLER	2"	1 1/2"	---	1/2"
NOTE: ALL FIXTURES TO BE PROVIDED WITH TRAPS AND SHUTOFF VALVES.					

- GENERAL NOTES**
- THE INSTALLER SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT BEFORE PROCEEDING WITH THAT PORTION OF THE WORK. FAILURE TO NOTIFY THE ENGINEER WILL NOT RELIEVE THE INSTALLER OF RESPONSIBILITY. THE INSTALLER SHALL CORRECT ALL WORK ARISING FROM SUCH FAILURE TO COORDINATE DISCREPANCIES TO THE SATISFACTION OF THE ENGINEER WITHOUT ADDED COST TO THE OWNER.
  - PLUMBING INSTALLER SHALL COORDINATE WITH ALL NECESSARY INSTALLERS TO PREVENT INSTALLATION CONFLICTS.
  - OPENINGS FOR PENETRATIONS IN SLABS AND WALLS SHALL BE DRILLED TO ACCOMMODATE PIPE SLEEVES FOR THE PASSAGE OF PIPES. HOLE TOLERANCES SHALL MEET REQUIREMENTS OF SLEEVE MANUFACTURER. EXACT LOCATIONS SHALL BE FIELD COORDINATED TO CLEAR BEAMS AND REINFORCEMENT BARS.
  - WHERE PIPES PASS THROUGH FINISHED SURFACES OF FLOORS, CEILINGS, ROOFS, AND WALLS, PROVIDE PIPE SLEEVES AND ESCUTCHEON PLATE/FRAMES.
  - WHERE PIPES PASS THROUGH EXPOSED SURFACES, PROVIDE PIPE SLEEVES, SEAL AROUND OPENINGS, AND FINISH THE OPENINGS. FIRE SEAL WHERE PIPES PASS THROUGH FIRE RATED CONSTRUCTION. FIRE SEAL SHALL MATCH THE FIRE RATING OF THE ADJACENT CONSTRUCTION.
  - PROVIDE SHUTOFF VALVES AND UNIONS/FLANGES AT BASE OF ALL RISERS, MAINS, BRANCHES, AND CONNECTIONS TO ISOLATE FOR MAINTENANCE PURPOSES.
  - PROVIDE ACCESS DOORS FOR SERVICE ACCESS TO VALVES, AIR VENTS, AND OTHER ACCESSORIES IN CONCEALED SPACES, FOR MAINTENANCE AND INSPECTION. PROVIDE FIRE RATED DEVICES MATCHING THE ADJACENT CONSTRUCTION IN FIRE RATED CONSTRUCTION.
  - PROVIDE DRAIN VALVES WITH HOSE THREADS AT ALL LOW POINTS OF PIPING AND AIR VENTS AT ALL HIGH POINTS OF PIPING.
  - UNLESS OTHERWISE INDICATED, ALL BRANCH PIPING SHALL BE OFF THE BOTTOM OF THE MAIN PIPING RUN.
  - METHODS OF ATTACHMENT OF SEISMIC RESTRAINT CABLES SHALL COMPLY WITH THE FOLLOWING:
    - TO EQUIPMENT: BOLT ANGLE CLIPS TO SUSPENDED EQUIPMENT ADJACENT TO THE HANGER RODS. ORIENT THE FOUR SEISMIC CABLES 90 DEG TO EACH OTHER. ATTACH SEISMIC CABLES TO ANGLE CLIPS IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
    - TO STRUCTURE: ATTACH SEISMIC CABLE TO TOP CHORD OF ROOF JOISTS WITH APPROPRIATE FASTENING DEVICES. WELDING, BURNING, OR DRILLING OF THE ROOF JOISTS SHALL NOT BE PERMITTED. THE SEISMIC CABLE SHALL BE DRAWN TAUT BUT SHALL NOT DISPLACE THE UNITS. ATTACHMENT TO BOTTOM CHORD OF ROOF JOISTS SHALL NOT BE PERMITTED. PROVIDE DESIGNER WITH METHOD OF ATTACHMENT TO ROOF JOISTS FOR APPROVAL.

						THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.		DESIGNER/DRAFTER: <b>JAB</b> CHECKED BY: <b>MJS</b>  NOT TO SCALE		<div><b>STATE OF CONNECTICUT</b> <b>DEPARTMENT OF TRANSPORTATION</b></div> <div>Filename: ...\\FD_MSH_PLM_0111_0121_P002.dgn</div>		SIGNATURE/ BLOCK: <b>OFFICE OF ENGINEERING</b>  APPROVED BY: 		PROJECT TITLE: <b>POMFRET MAINTENANCE FACILITY</b>		TOWN: <b>POMFRET</b>		PROJECT NO. <b>111-121</b>		
																DRAWING NO. <b>P-002</b>				
																DRAWING TITLE: <b>LEGEND &amp; GENERAL NOTES</b>		SHEET NO. <b>07.02</b>		
REV.	DATE	REVISION DESCRIPTION				SHEET NO.	Plotted Date: 8/10/2015													



KEY PLAN


- NOTES:
- ALL PIPING IN THE BAY AREAS SHALL BE RUN TIGHT TO JOISTS AND WALLS. SOME LOCATIONS ARE SHOWN FOR CLARITY ONLY.


REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

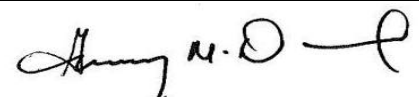
Plotted Date: 8/10/2015

DESIGNER/DRAFTER:  
**JAB**  
CHECKED BY:  
**MJS**  
SCALE: 1/4" = 1'-0"

**STATE OF CONNECTICUT**  
**DEPARTMENT OF TRANSPORTATION**



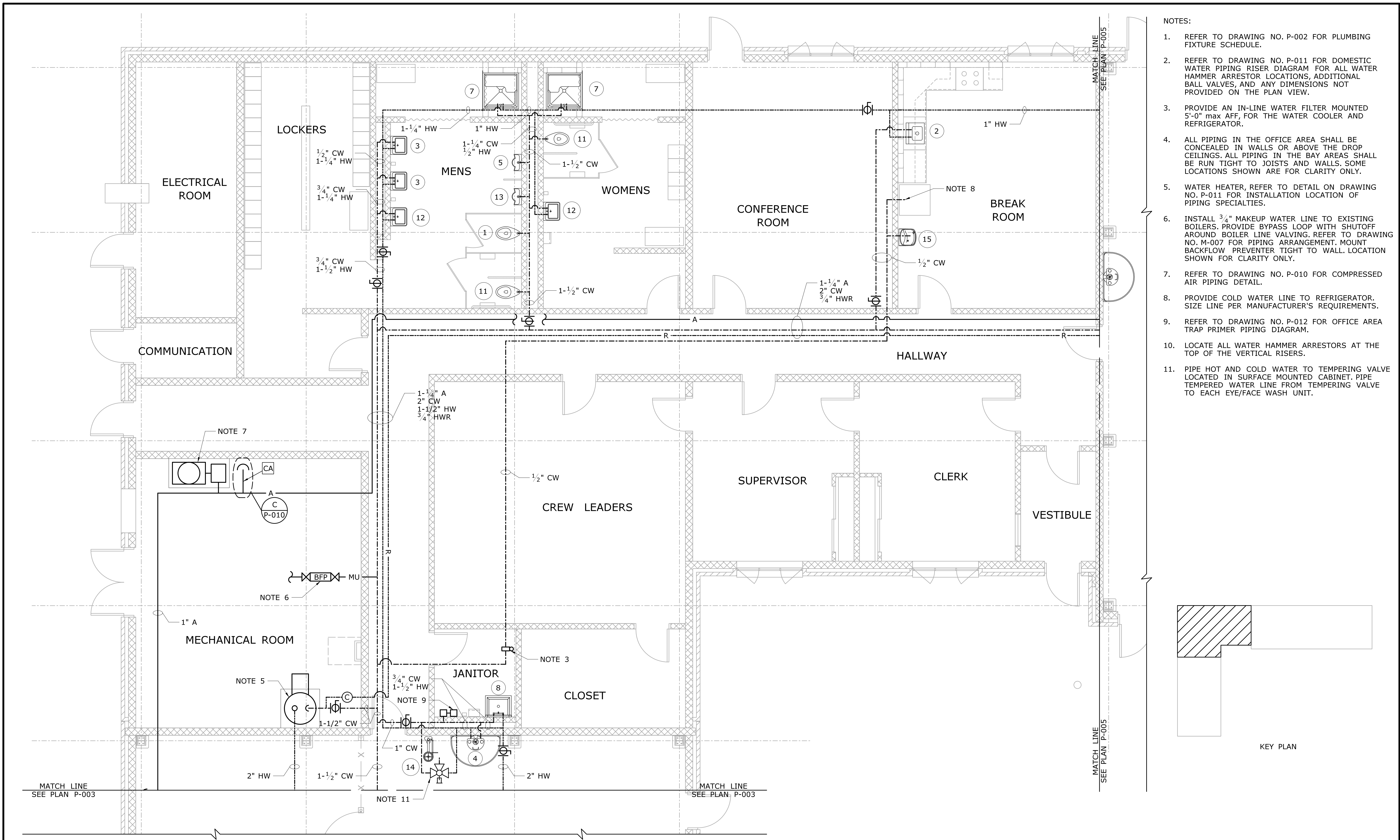
Filename: ...\\FD\_MSH\_PLM\_0111\_0121\_P003.dgn

SIGNATURE/  
BLOCK:  
**OFFICE OF ENGINEERING**  
APPROVED BY:  


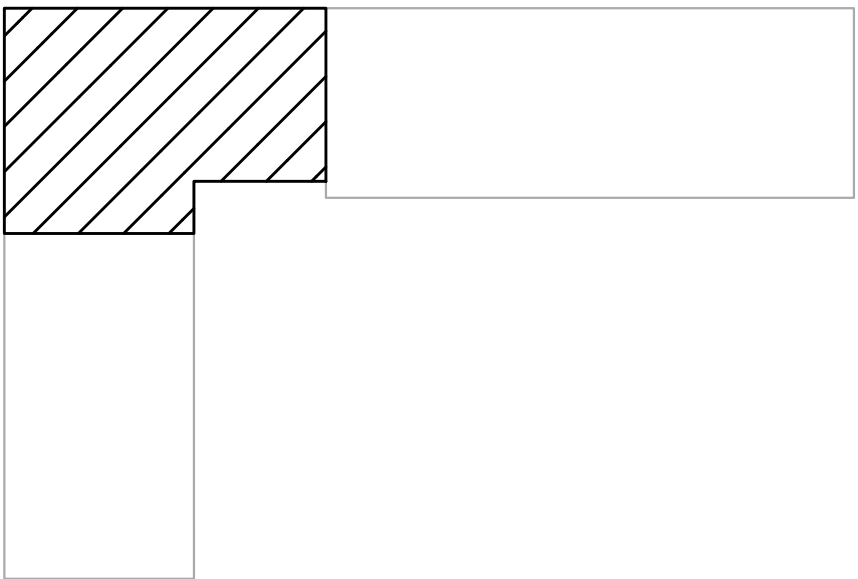
PROJECT TITLE:  
**POMFRET MAINTENANCE FACILITY**

TOWN:  
**POMFRET**  
DRAWING TITLE:  
**NORTH BAY AREA PLUMBING SUPPLY**



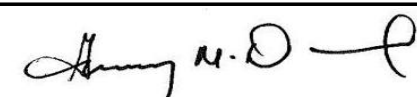
PROJECT NO.  
**111-121**  
DRAWING NO.  
**P-003**  
SHEET NO.  
**07.03**

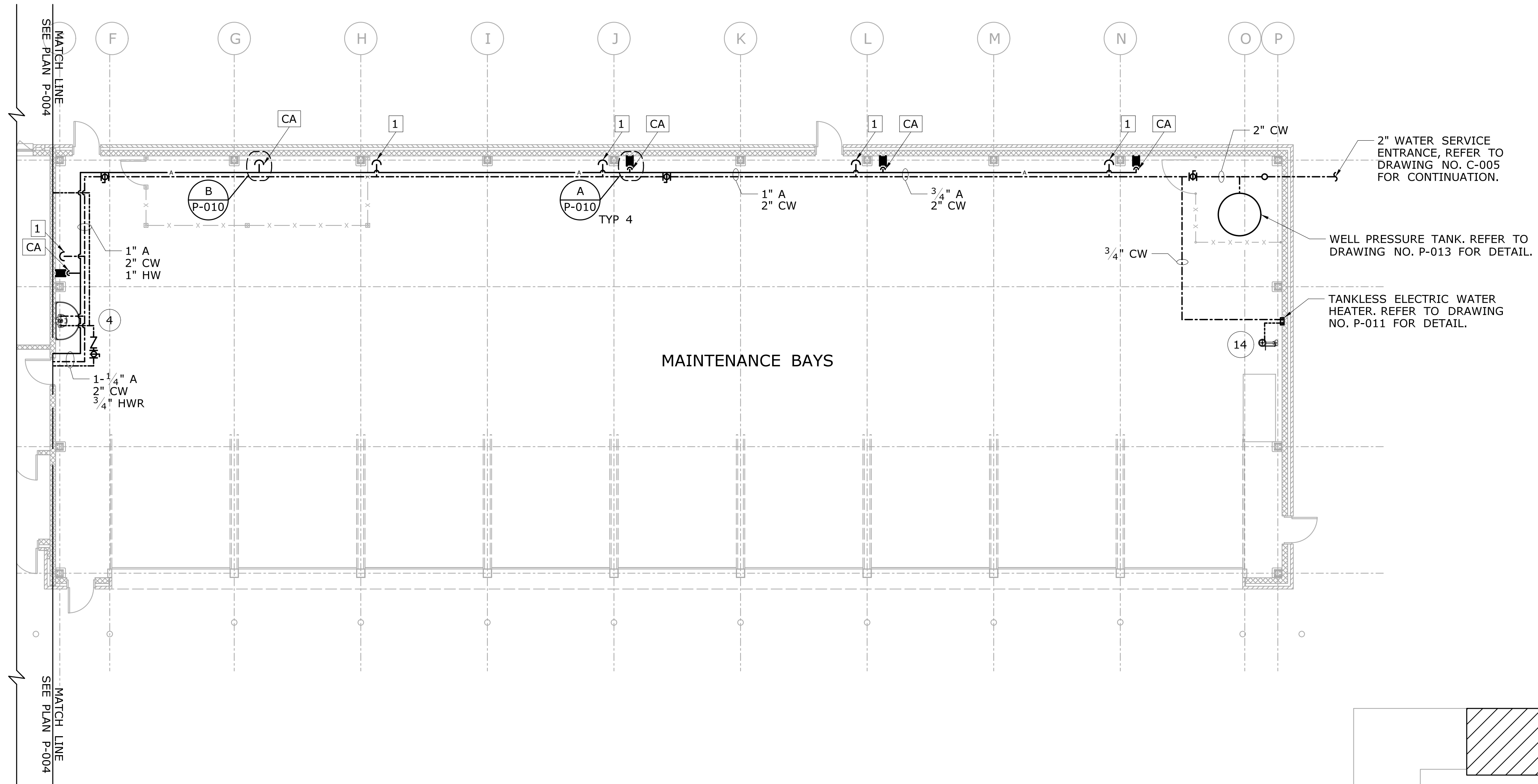


- NOTES:
1. REFER TO DRAWING NO. P-002 FOR PLUMBING FIXTURE SCHEDULE.
  2. REFER TO DRAWING NO. P-011 FOR DOMESTIC WATER PIPING RISER DIAGRAM FOR ALL WATER HAMMER ARRESTOR LOCATIONS, ADDITIONAL BALL VALVES, AND ANY DIMENSIONS NOT PROVIDED ON THE PLAN VIEW.
  3. PROVIDE AN IN-LINE WATER FILTER MOUNTED 5'-0" max AFF, FOR THE WATER COOLER AND REFRIGERATOR.
  4. ALL PIPING IN THE OFFICE AREA SHALL BE CONCEALED IN WALLS OR ABOVE THE DROP CEILINGS. ALL PIPING IN THE BAY AREAS SHALL BE RUN TIGHT TO JOISTS AND WALLS. SOME LOCATIONS SHOWN ARE FOR CLARITY ONLY.
  5. WATER HEATER, REFER TO DETAIL ON DRAWING NO. P-011 FOR INSTALLATION LOCATION OF PIPING SPECIALTIES.
  6. INSTALL  $\frac{3}{4}$ " MAKEUP WATER LINE TO EXISTING BOILERS. PROVIDE BYPASS LOOP WITH SHUTOFF AROUND BOILER LINE VALVING. REFER TO DRAWING NO. M-007 FOR PIPING ARRANGEMENT. MOUNT BACKFLOW PREVENTER TIGHT TO WALL. LOCATION SHOWN FOR CLARITY ONLY.
  7. REFER TO DRAWING NO. P-010 FOR COMPRESSED AIR PIPING DETAIL.
  8. PROVIDE COLD WATER LINE TO REFRIGERATOR. SIZE LINE PER MANUFACTURER'S REQUIREMENTS.
  9. REFER TO DRAWING NO. P-012 FOR OFFICE AREA TRAP PRIMER PIPING DIAGRAM.
  10. LOCATE ALL WATER HAMMER ARRESTORS AT THE TOP OF THE VERTICAL RISERS.
  11. PIPE HOT AND COLD WATER TO TEMPERING VALVE LOCATED IN SURFACE MOUNTED CABINET. PIPE TEMPERED WATER LINE FROM TEMPERING VALVE TO EACH EYE/FACE WASH UNIT.




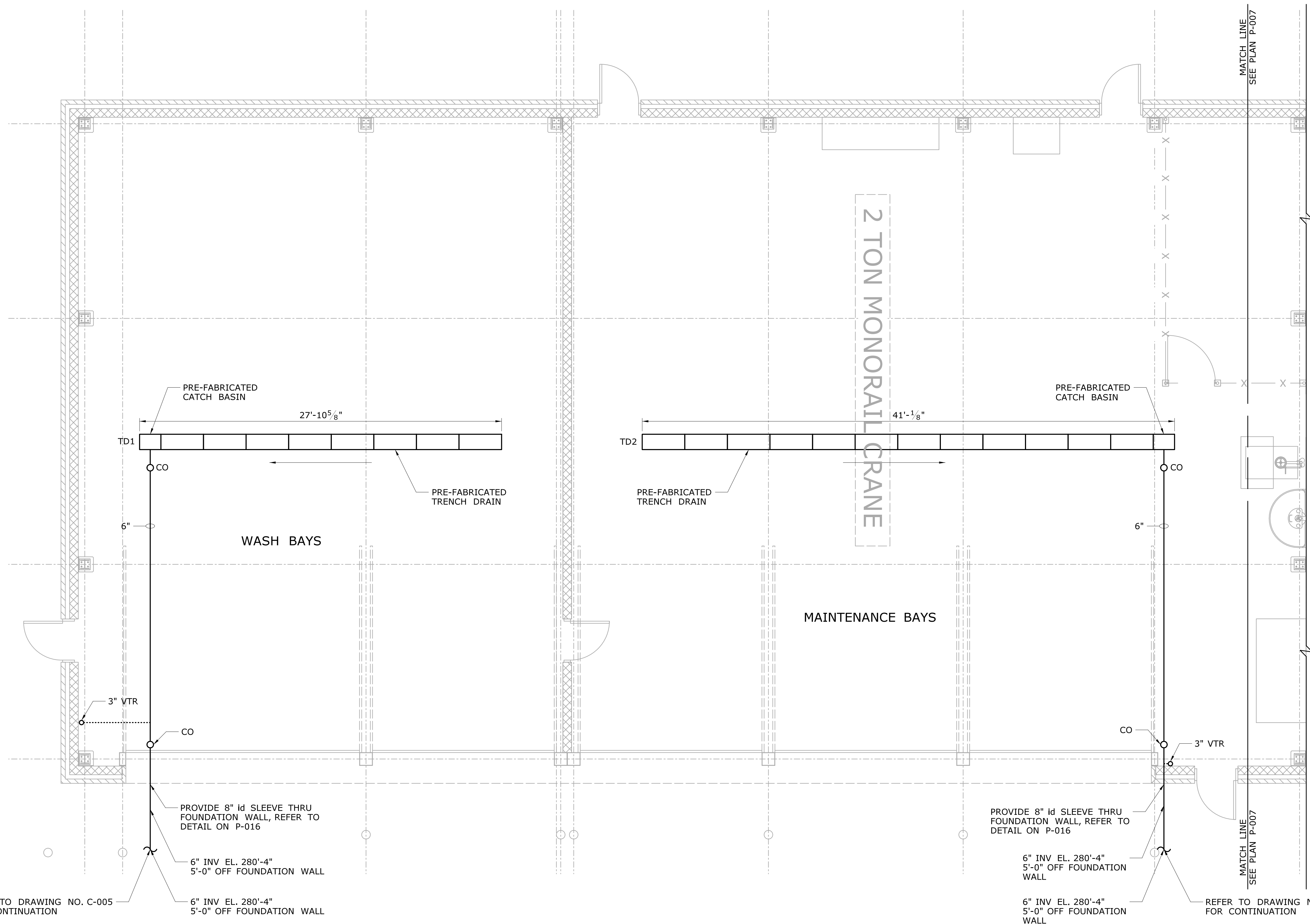
KEY PLAN

				DESIGNER/DRAFTER: <b>JAB</b>		 <b>STATE OF CONNECTICUT</b> <b>DEPARTMENT OF TRANSPORTATION</b>	 <b>OFFICE OF ENGINEERING</b>	SIGNATURE/ BLOCK:  <b>POMFRET MAINTENANCE FACILITY</b>	PROJECT TITLE:  <b>POMFRET MAINTENANCE FACILITY</b>	TOWN:  <b>POMFRET</b>	PROJECT NO. <b>111-121</b>			
				CHECKED BY: <b>MJS</b>								APPROVED BY: 	DRAWING TITLE: <b>OFFICE AREA PLUMBING SUPPLY</b>	SHEET NO. <b>07.04</b>
				SCALE: 1/4" = 1'-0"										
				Plotted Date: 8/10/2015		Filename: ...\\FD_MSH_PLM_0111_0121_P004.dgn								
REV.	DATE	REVISION DESCRIPTION	SHEET NO.											



- NOTES:
- REFER TO DRAWING NO. P-002 FOR PLUMBING FIXTURE SCHEDULE.
  - ALL PIPING IN THE BAY AREAS SHALL BE RUN TIGHT TO JOISTS AND WALLS. SOME LOCATIONS SHOWN ARE FOR CLARITY ONLY.

				DESIGNER/DRAFTER: <b>JAB</b>		 <b>STATE OF CONNECTICUT</b> <b>DEPARTMENT OF TRANSPORTATION</b>	SIGNATURE/ BLOCK: <b>OFFICE OF ENGINEERING</b>	PROJECT TITLE: <b>POMFRET MAINTENANCE FACILITY</b>	TOWN: <b>POMFRET</b>	PROJECT NO. <b>111-121</b>		
				CHECKED BY: <b>MJS</b>						DRAWING NO. <b>P-005</b>		
				SCALE: 1/8" = 1'-0"						SHEET NO. <b>07.05</b>		
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 8/10/2015		DRAWING TITLE: <b>WEST BAY AREA PLUMBING SUPPLY</b>						



REFER TO DRAWING NO. C-005  
FOR CONTINUATION

PROVIDE 8" id SLEEVE THRU  
FOUNDATION WALL, REFER TO  
DETAIL ON P-016

6" INV EL. 280'-4"  
5'-0" OFF FOUNDATION WALL

6" INV EL. 280'-4"  
5'-0" OFF FOUNDATION WALL

PROVIDE 8" id SLEEVE THRU  
FOUNDATION WALL, REFER TO  
DETAIL ON P-016

6" INV EL. 280'-4"  
5'-0" OFF FOUNDATION  
WALL


6" INV EL. 280'-4"  
5'-0" OFF FOUNDATION  
WALL


REFER TO DRAWING NO. C-005  
FOR CONTINUATION

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 8/10/2015

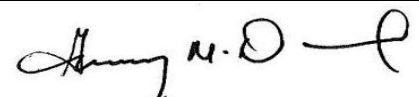
THE INFORMATION, INCLUDING ESTIMATED  
QUANTITIES OF WORK, SHOWN ON THESE  
SHEETS IS BASED ON LIMITED  
INVESTIGATIONS BY THE STATE AND IS  
IN NO WAY WARRANTED TO INDICATE  
THE CONDITIONS OF ACTUAL QUANTITIES  
OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER:  
**JAB**  
CHECKED BY:  
**MJS**  
SCALE: 1/4" = 1'-0"

**STATE OF CONNECTICUT**  
**DEPARTMENT OF TRANSPORTATION**



Filename: ...\\FD\_MSH\_PLM\_0111\_0121\_P006.dgn

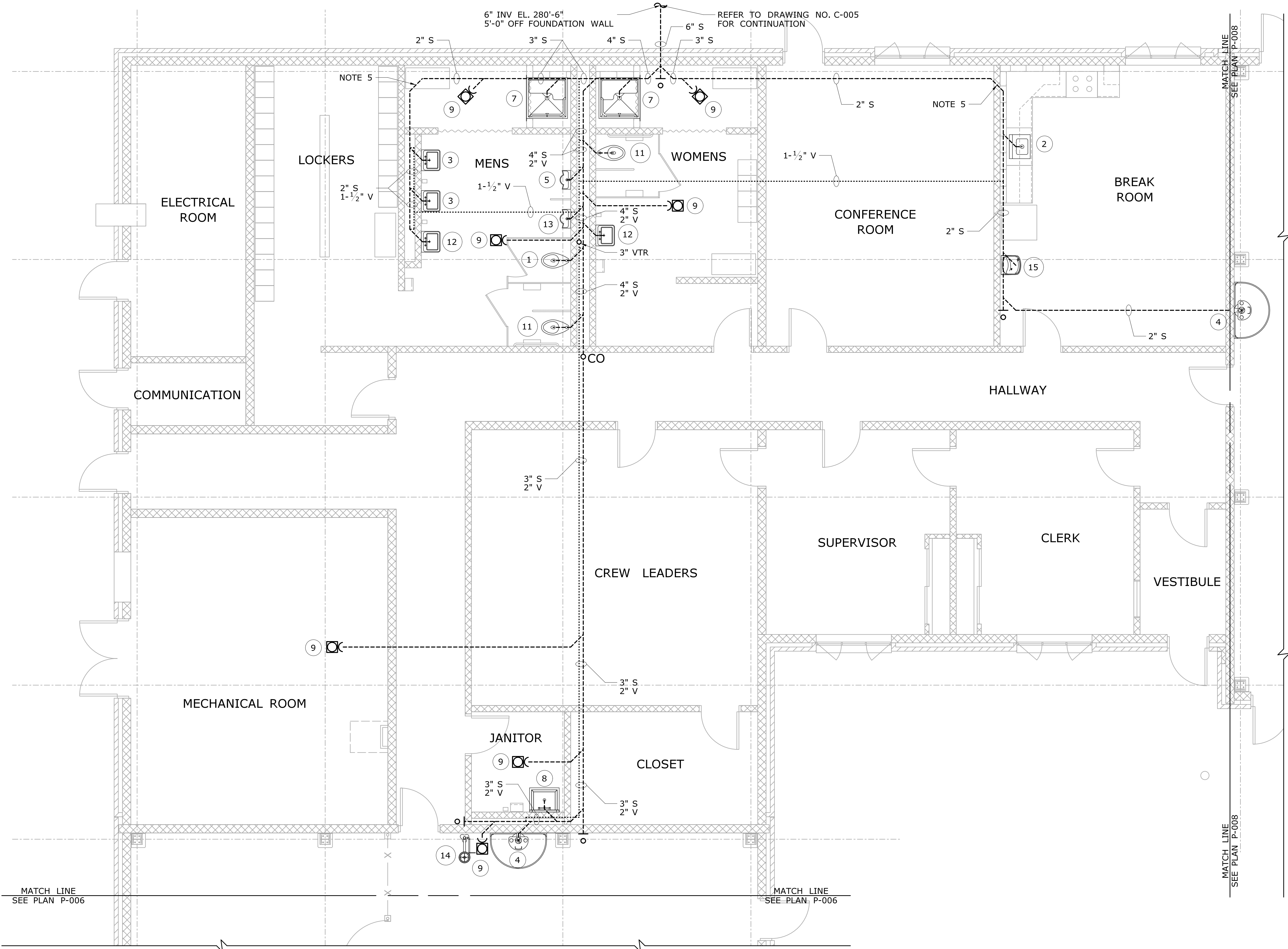
SIGNATURE/  
BLOCK:  
**OFFICE OF ENGINEERING**  
APPROVED BY:  


PROJECT TITLE:  
**POMFRET MAINTENANCE  
FACILITY**

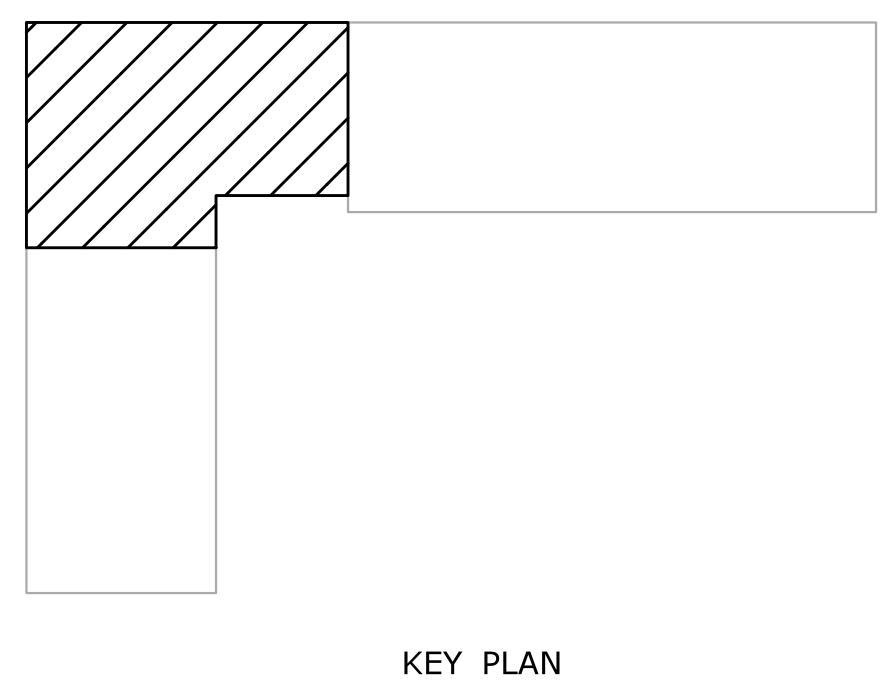
TOWN:  
**POMFRET**  
DRAWING TITLE:  
**NORTH BAY AREA  
PLUMBING DRAINAGE**




PROJECT NO.  
**111-121**  
DRAWING NO.  
**P-006**  
SHEET NO.  
**07.06**

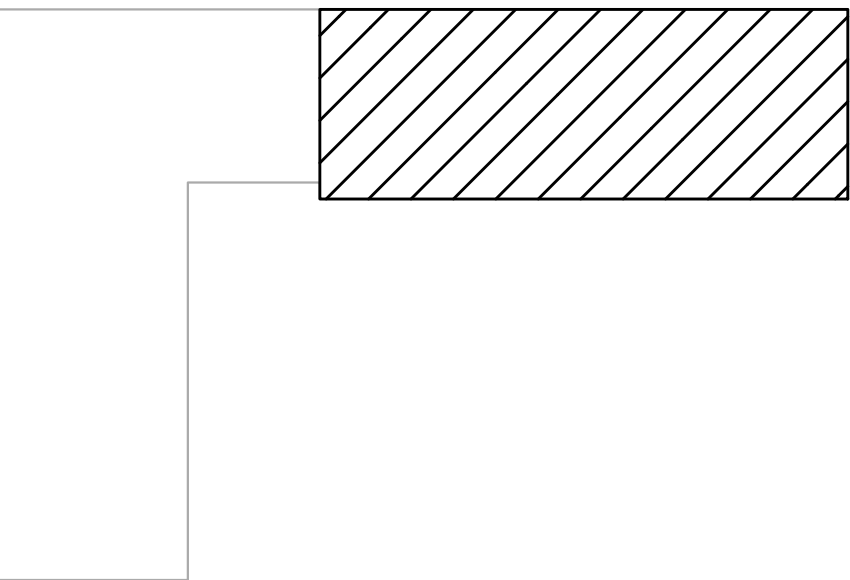
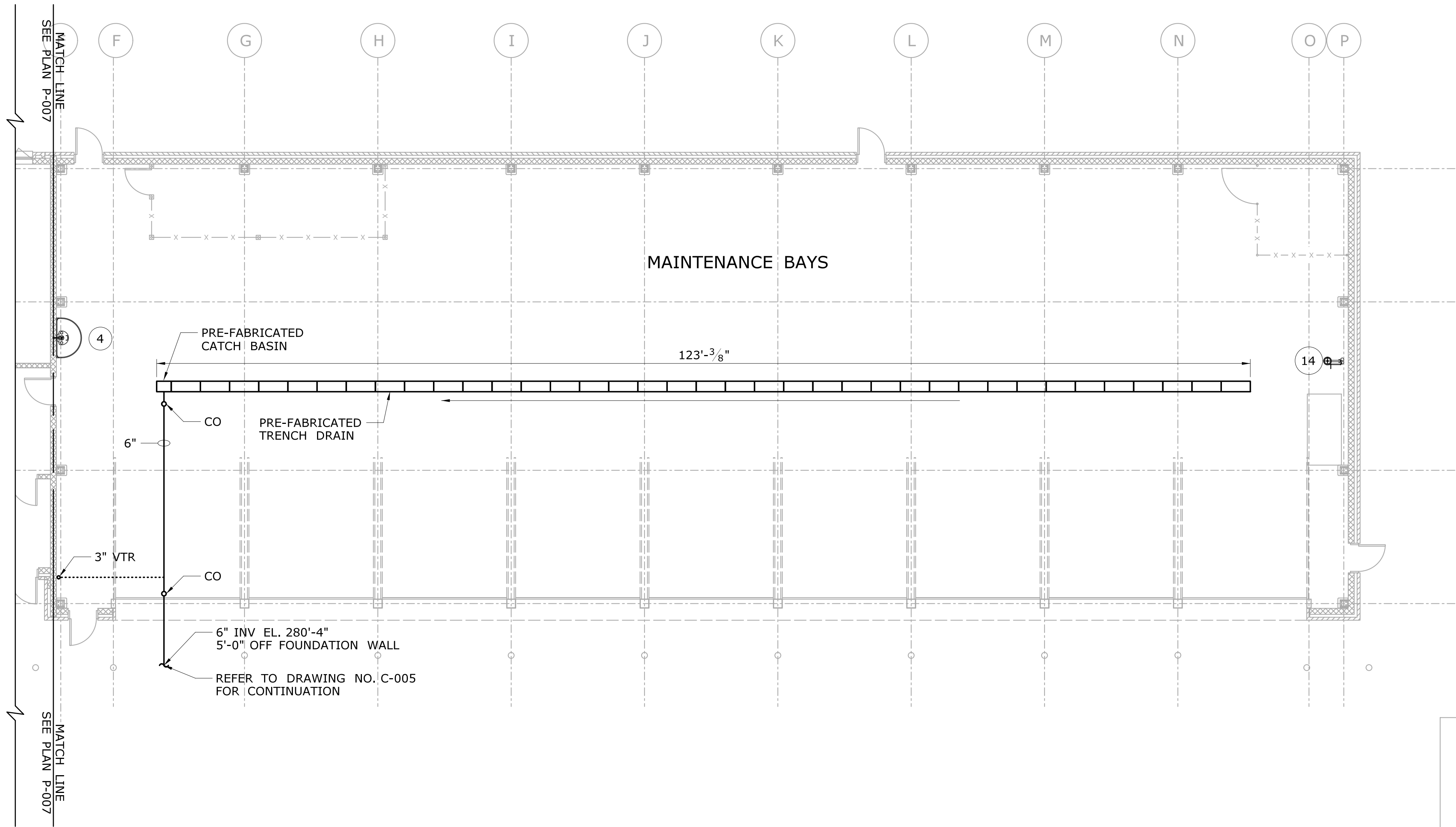




- NOTES:
1. REFER TO DRAWING NO. P-002 FOR PLUMBING FIXTURE SCHEDULE.
  2. REFER TO DRAWING NO. P-012 FOR SANITARY PIPING RISER DIAGRAM FOR ANY DIMENSIONS NOT PROVIDED ON THE PLAN VIEW.
  3. ALL PIPING IN THE OFFICE AREA SHALL BE CONCEALED IN WALLS OR ABOVE THE DROP CEILINGS. SOME LOCATIONS SHOWN ARE FOR CLARITY ONLY.
  4. REFER TO DRAWING NO. P-012 FOR OFFICE AREA TRAP PRIMER PIPING DIAGRAM.
  5. PROVIDE (2) 45-DEGREE FITTINGS TO MAKE A 90-DEGREE CHANGE IN DIRECTION WITHOUT PROVIDING A CLEANOUT IN ACCORDANCE WITH THE PLUMBING CODE.



				DESIGNER/DRAFTER: <b>JAB</b>		 <b>STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION</b>	 <b>OFFICE OF ENGINEERING</b>	SIGNATURE/ BLOCK:  <b>OFFICE OF ENGINEERING</b>	PROJECT TITLE:  <b>POMFRET MAINTENANCE FACILITY</b>	TOWN:  <b>POMFRET</b>	PROJECT NO. <b>111-121</b>	
				CHECKED BY: <b>MJS</b>								APPROVED BY:  
				SCALE: 1/4" = 1'-0"								
						Filename: ...FD_MSH_PLM_0111-0121-P007.dgn			DRAWING TITLE: <b>OFFICE AREA PLUMBING DRAINAGE</b>	SHEET NO. <b>07.07</b>		
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 8/10/2015								
THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.												



KEY PLAN

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

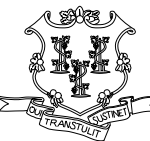
THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.


Plotted Date: 8/10/2015

DESIGNER/DRAFTER:  
**JAB**

CHECKED BY:  
**MJS**

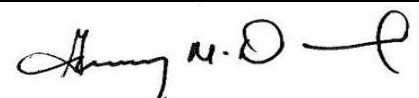
SCALE: 1/8" = 1'-0"

**STATE OF CONNECTICUT**  
**DEPARTMENT OF TRANSPORTATION**



Filename: ...\\FD\_MSH\_PLM\_0111\_0121\_P008.dgn

SIGNATURE/  
BLOCK:  
**OFFICE OF ENGINEERING**

APPROVED BY:  


PROJECT TITLE:  
**POMFRET MAINTENANCE FACILITY**

TOWN:  
**POMFRET**

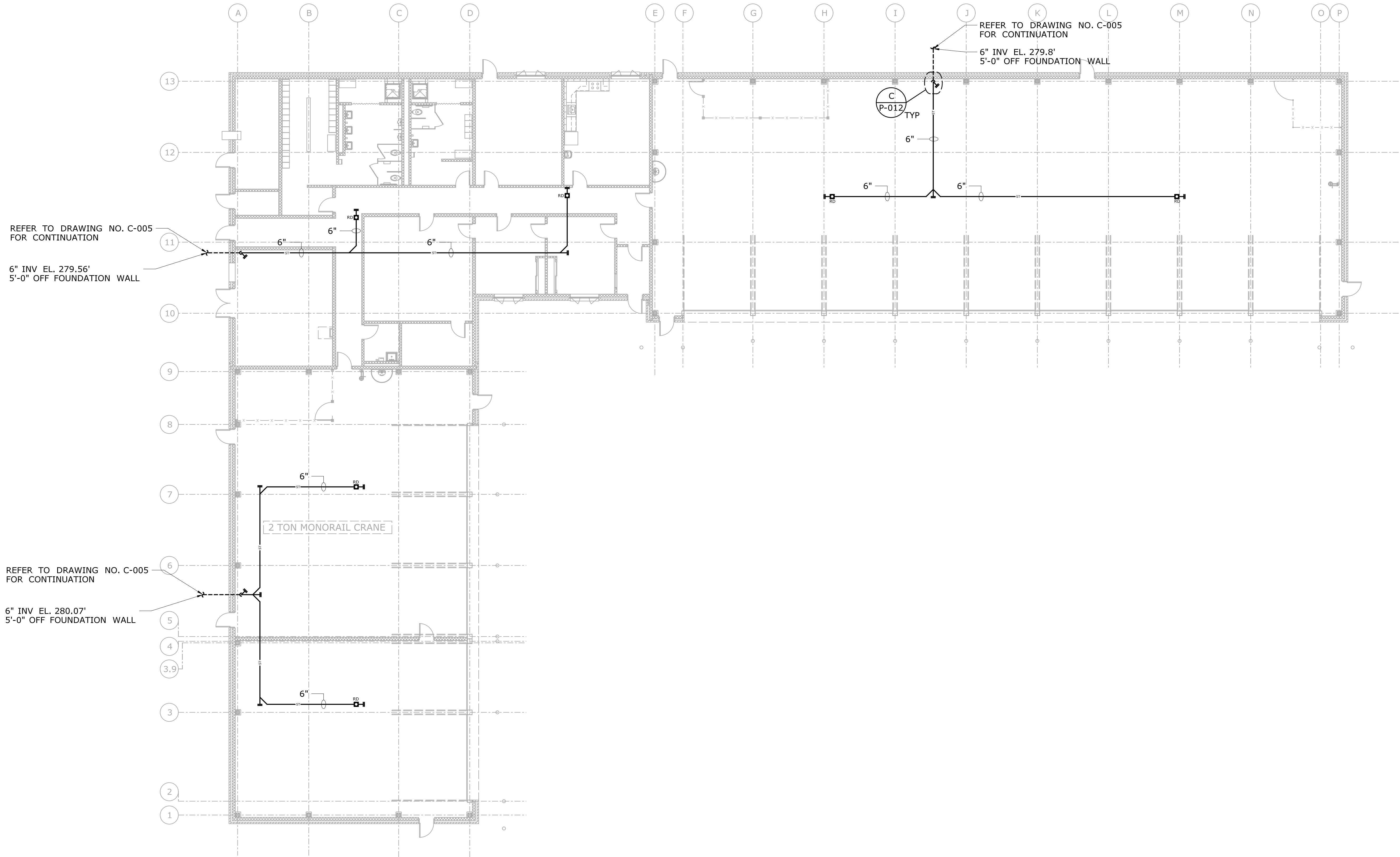
DRAWING TITLE:  
**WEST BAY AREA PLUMBING DRAINAGE**



PROJECT NO.  
**111-121**

DRAWING NO.  
**P-008**

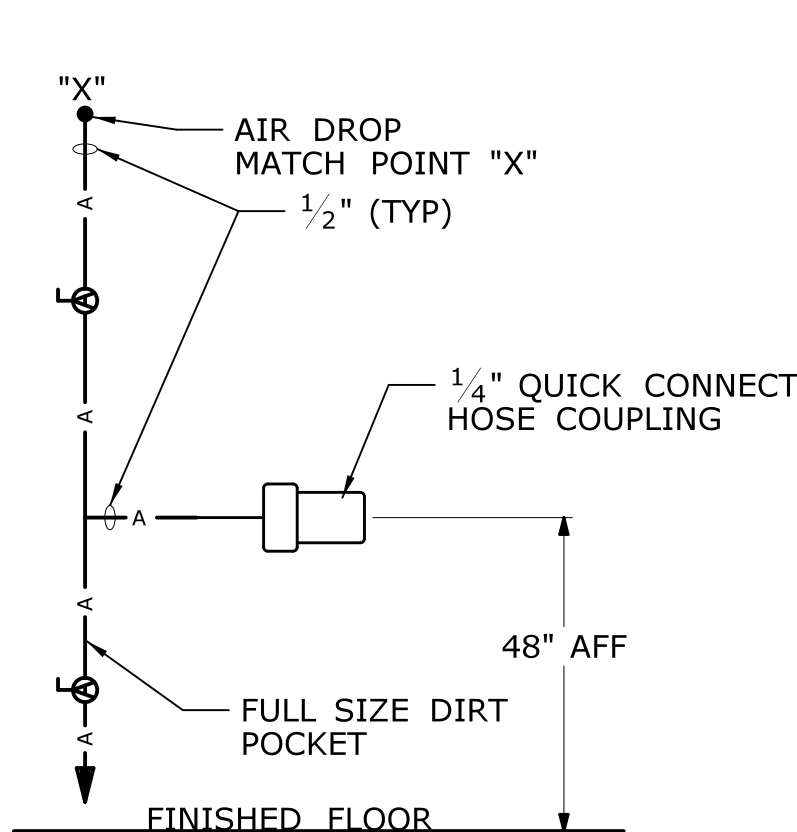
SHEET NO.  
**07.08**





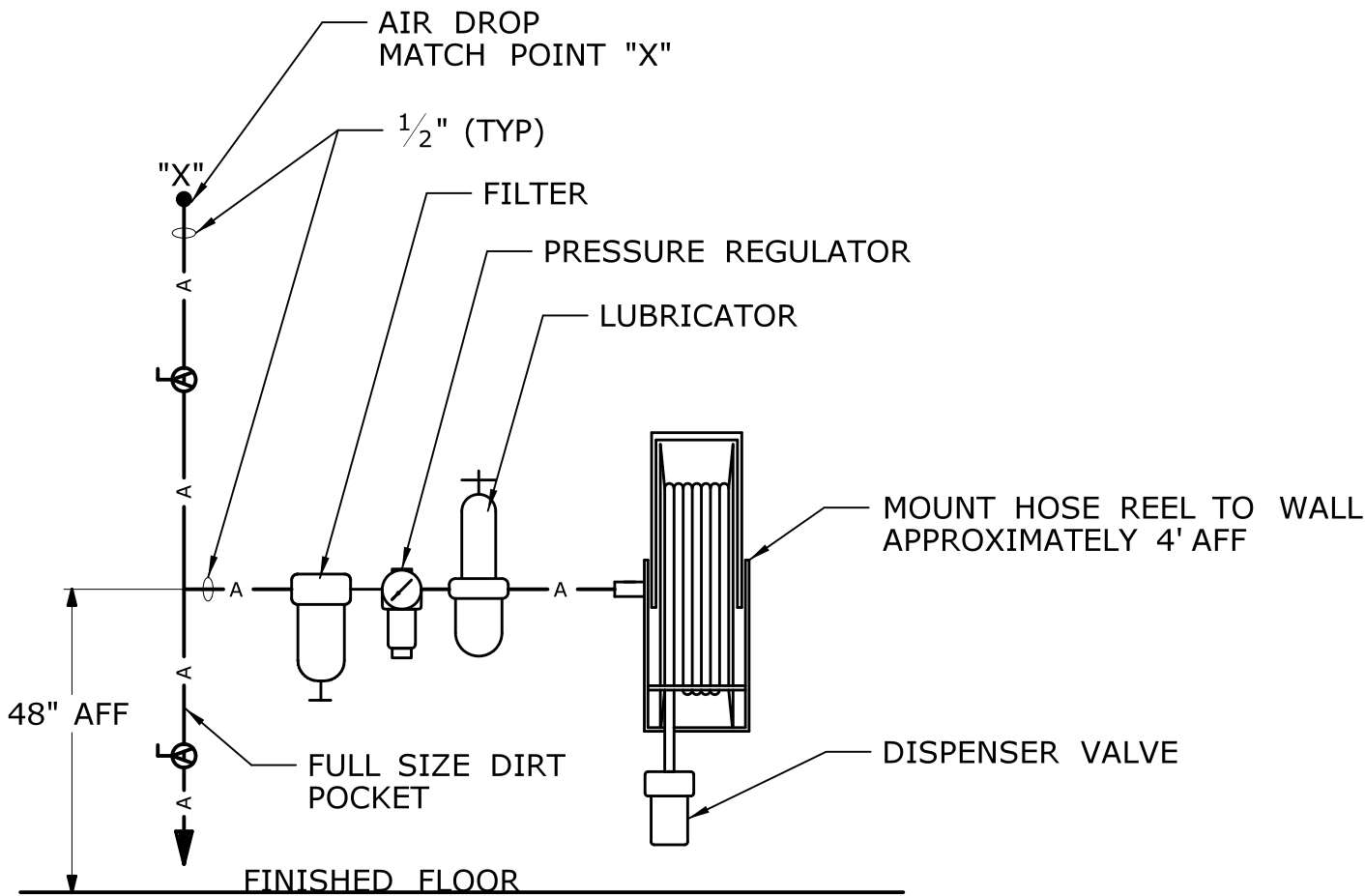
				THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.		DESIGNER/DRAFTER: <b>JAB</b>		 <b>STATE OF CONNECTICUT</b> <b>DEPARTMENT OF TRANSPORTATION</b>  Filename: ...\\FD_MSH_PLM_0111_0121_P009.dgn	SIGNATURE/ BLOCK: <b>OFFICE OF ENGINEERING</b>  APPROVED BY: 	PROJECT TITLE: <b>POMFRET MAINTENANCE FACILITY</b>	TOWN: <b>POMFRET</b>	PROJECT NO. <b>111-121</b>	
				CHECKED BY: <b>MJS</b>		DRAWING NO. <b>P-009</b>							
				SCALE: 3/32" = 1'-0"		SHEET NO. <b>07.09</b>							
REV.	DATE	REVISION DESCRIPTION		SHEET NO.	Plotted Date: 8/10/2015								

- NOTES:
1. REFER TO PLAN P-002 FOR PLUMBING FIXTURE SCHEDULE.
  2. REFER TO PLANS FOR FIXTURE LOCATIONS.
  3. INSTALL FLEXIBLE CONNECTIONS (5 FT max LENGTH) BETWEEN COMPRESSED AIR PIPING AND AIR COMPRESSOR.



MECHANICAL ROOM AIR DROP DETAIL

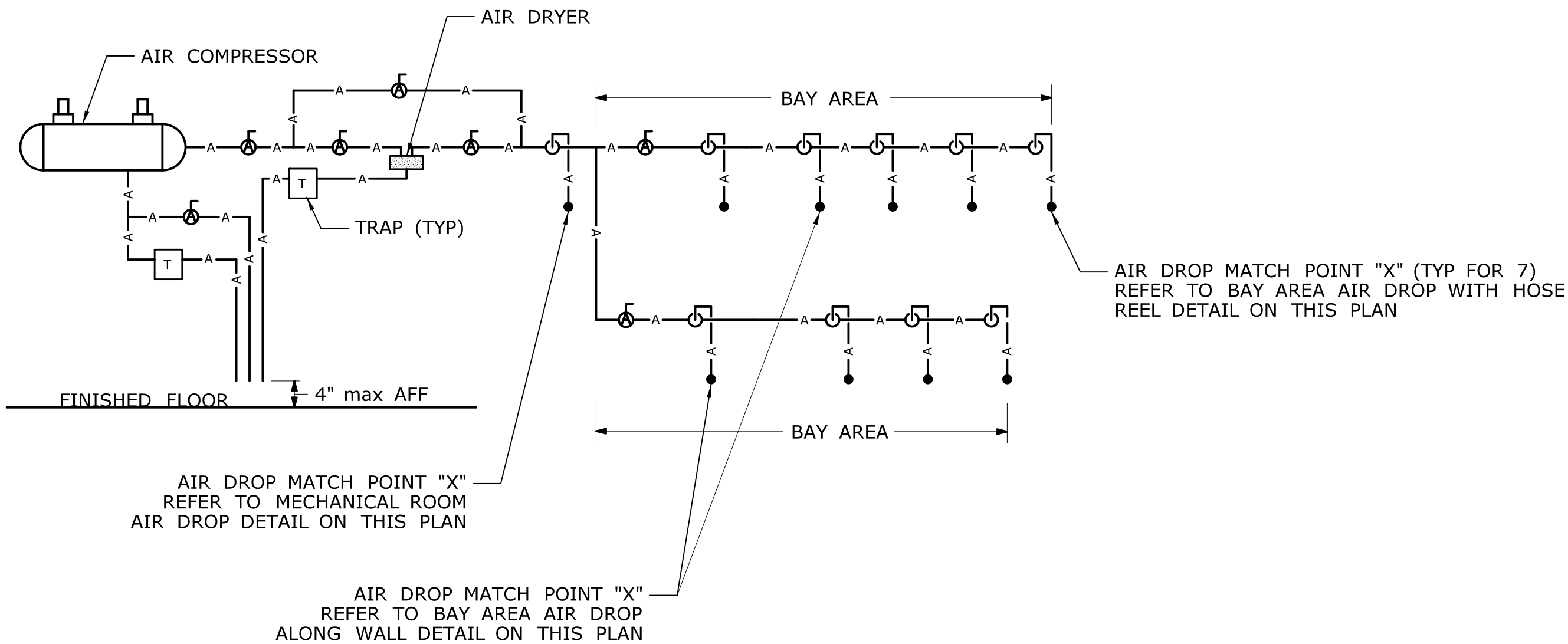
C  
P-004



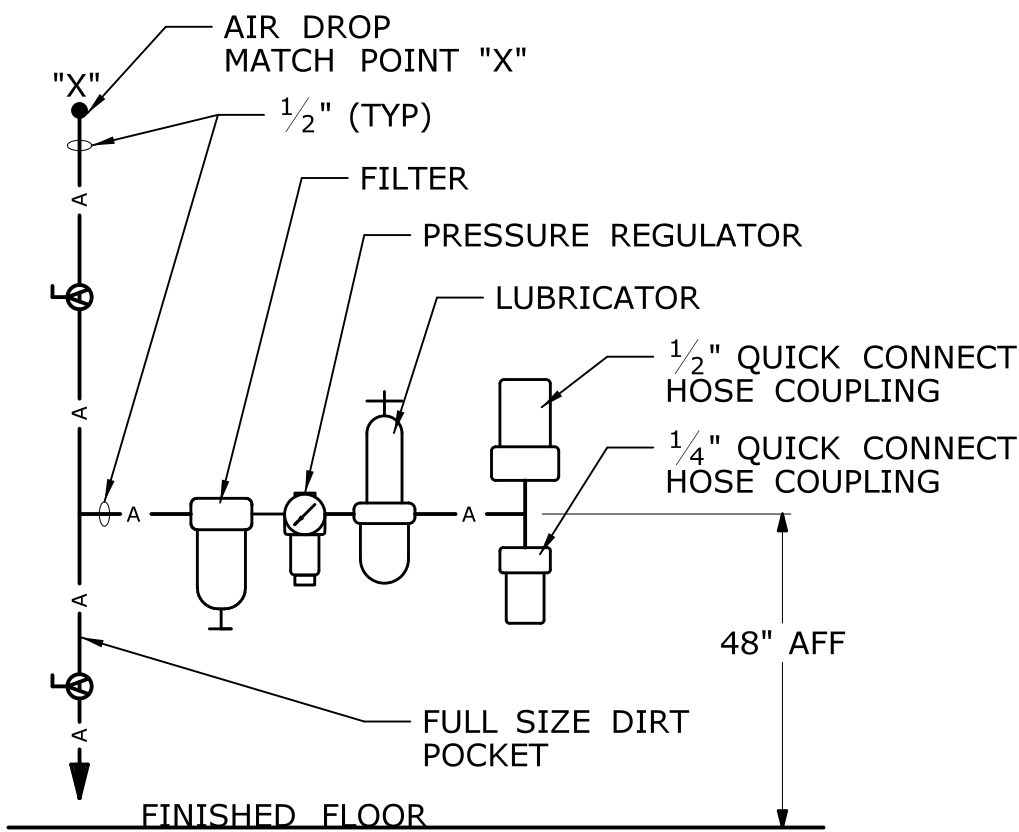
BAY AREA AIR DROP  
WITH HOSE REEL DETAIL

A  
P-003

A  
P-005





COMPRESSED AIR PIPING DETAIL

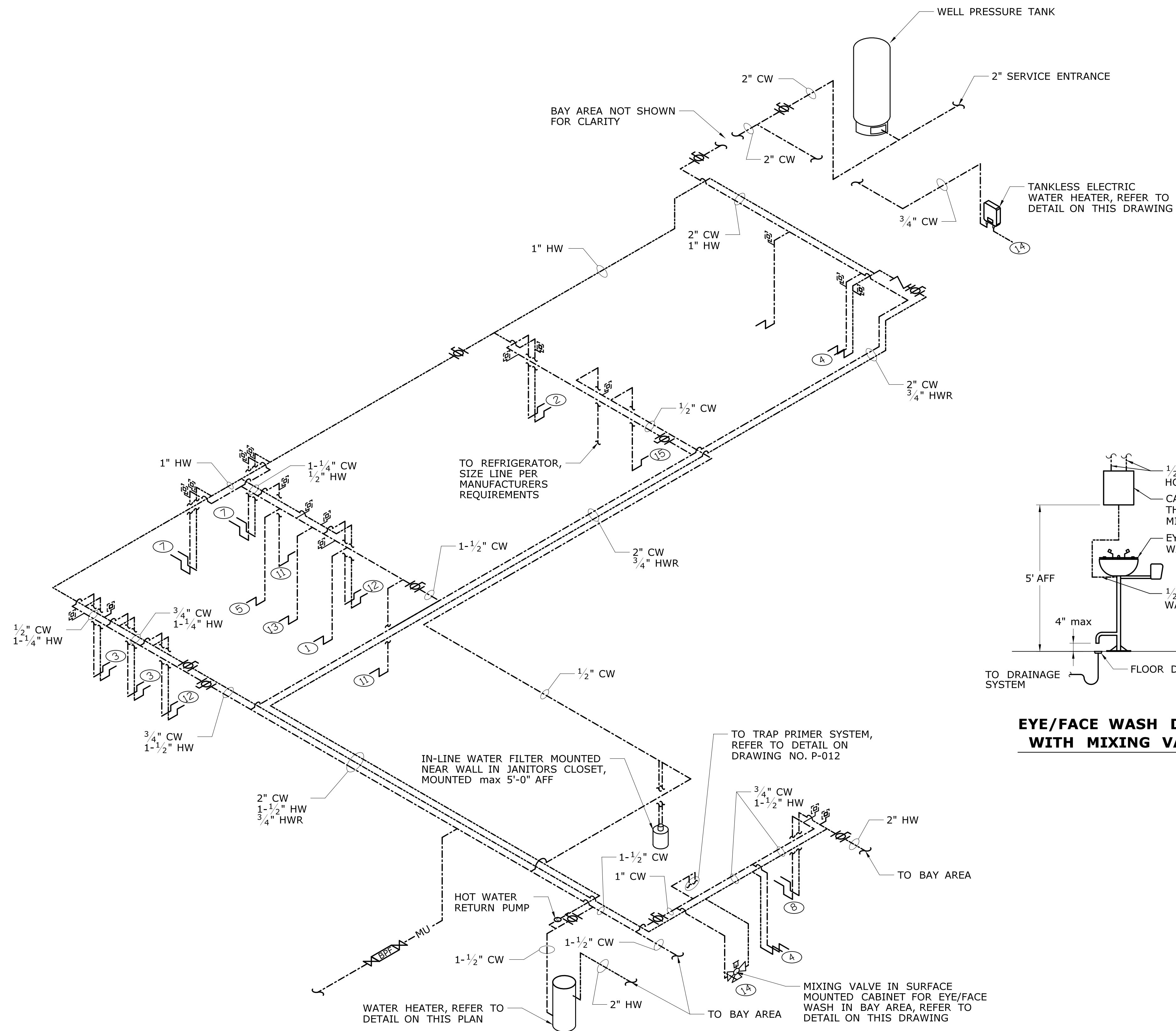


BAY AREA AIR DROP  
ALONG WALL DETAIL

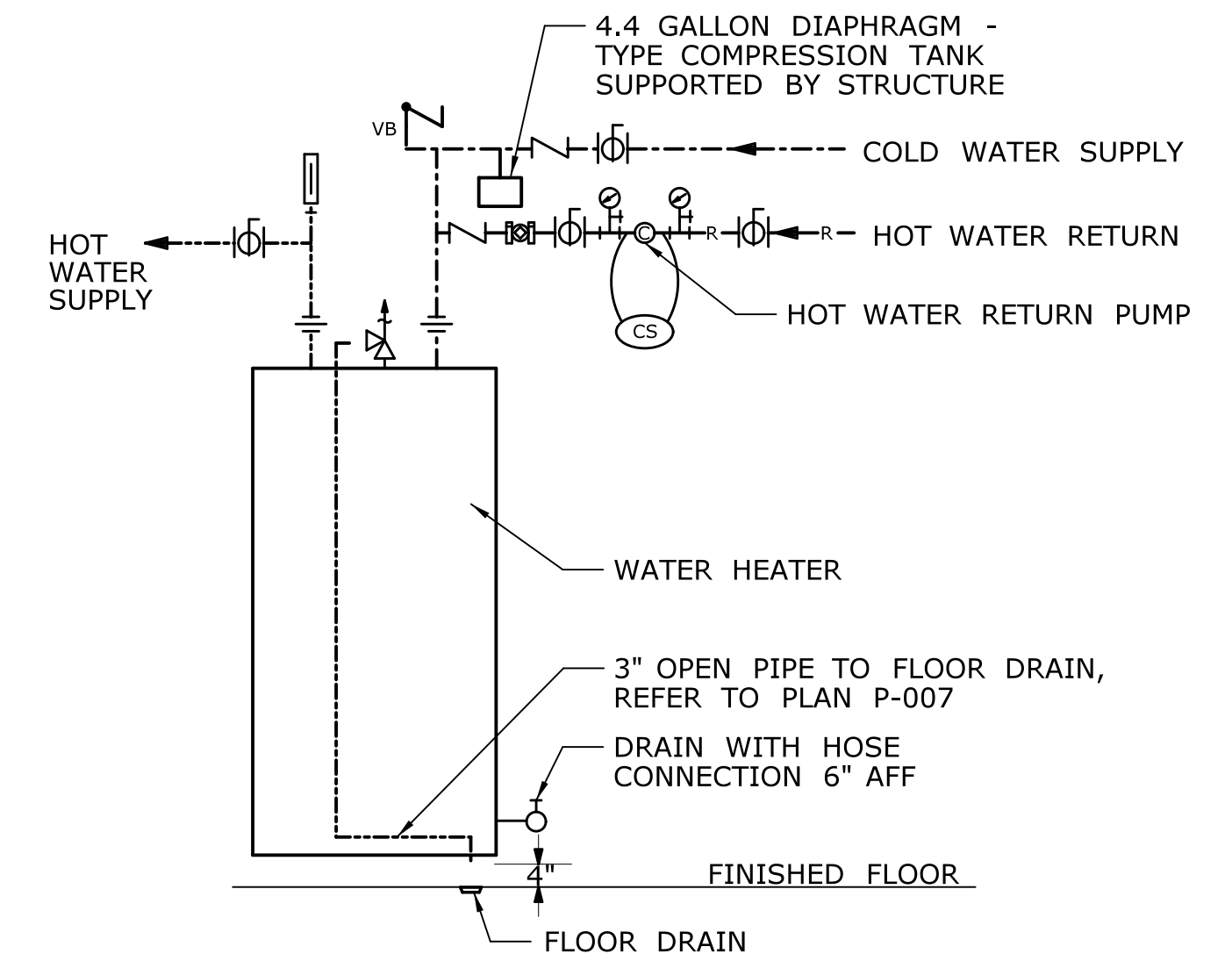
B  
P-003

B  
P-005

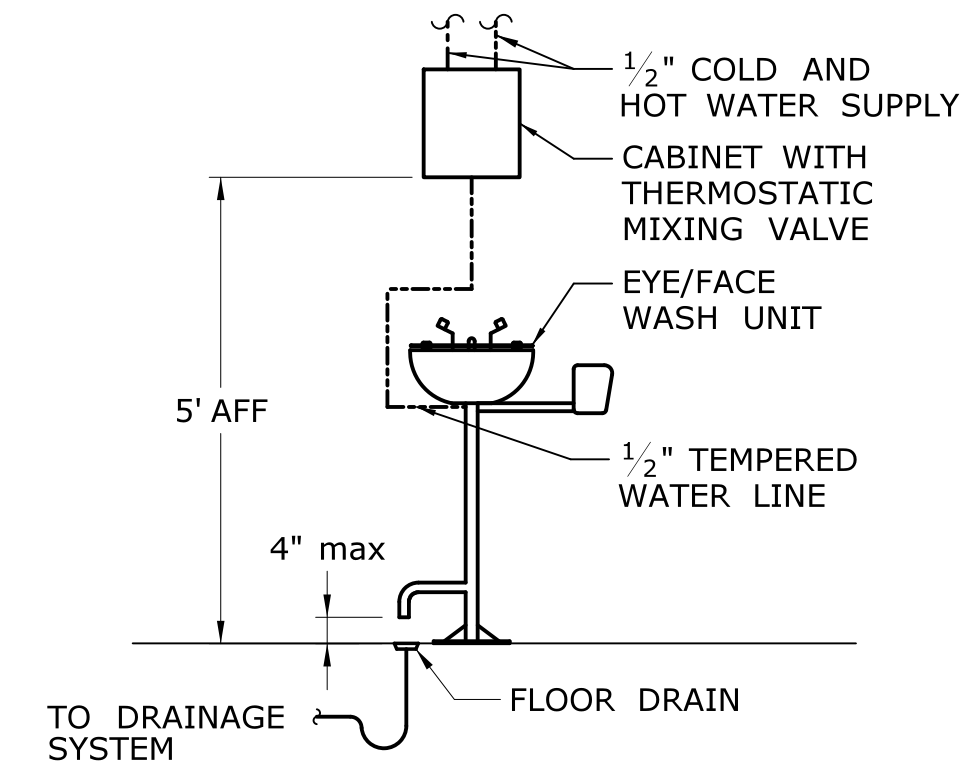
				DESIGNER/DRAFTER: <b>JAB</b>		 <b>STATE OF CONNECTICUT</b> <b>DEPARTMENT OF TRANSPORTATION</b>	SIGNATURE/ BLOCK: <b>OFFICE OF ENGINEERING</b>	PROJECT TITLE: <b>POMFRET MAINTENANCE FACILITY</b>	TOWN: <b>POMFRET</b>	PROJECT NO. <b>111-121</b>			
				CHECKED BY: <b>MJS</b>							APPROVED BY: 	DRAWING TITLE: <b>PLUMBING SUPPLY DETAILS - 1</b>	DRAWING NO. <b>P-010</b>
				NOT TO SCALE									
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 8/10/2015		Filename: ...\\FD_MSH_PLM_0111_0121_P010.dgn							
										SHEET NO. <b>07.10</b>			



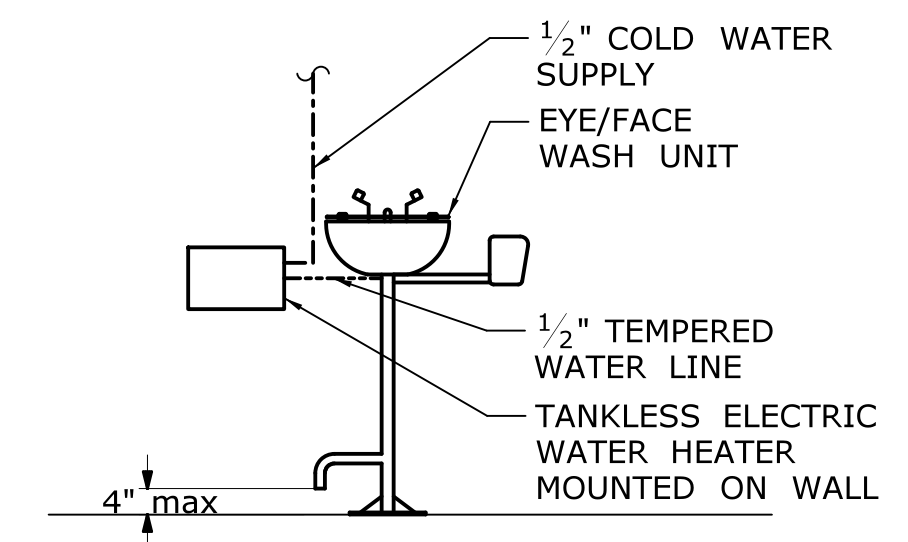
## DOMESTIC WATER PIPING RISER DIAGRAM





## WATER HEATER DETAIL

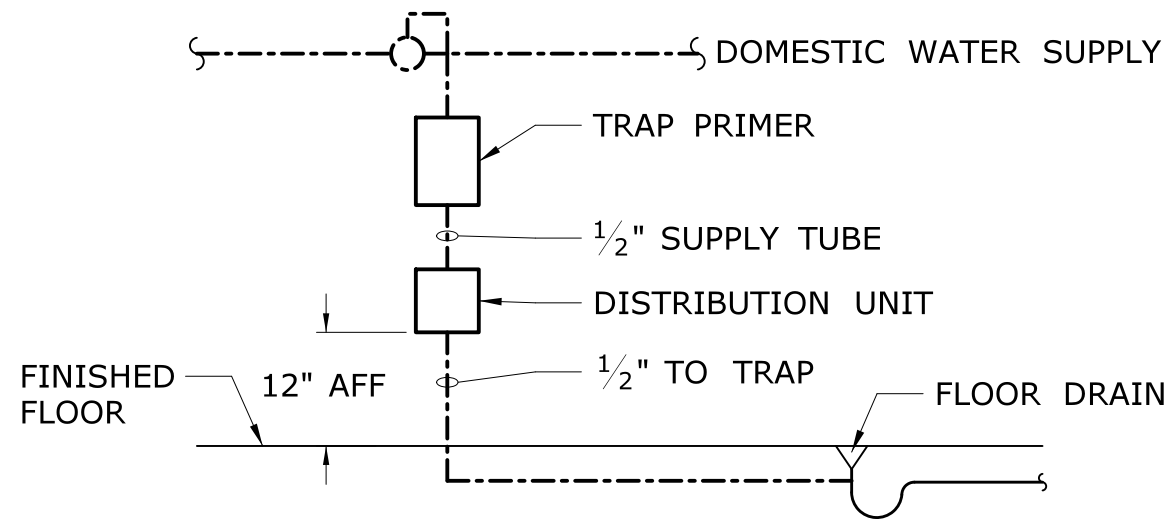
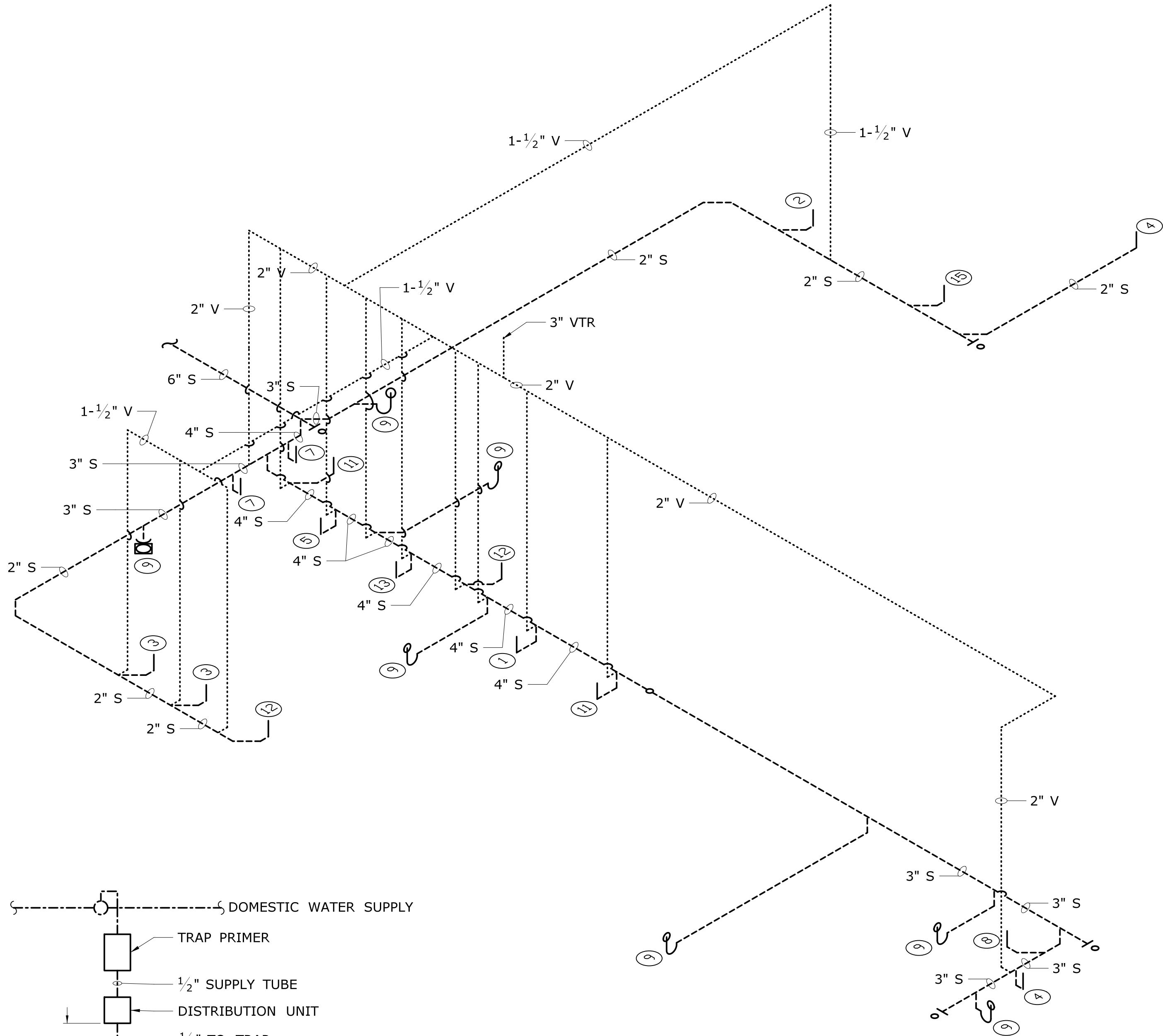


### EYE/FACE WASH DETAIL WITH MIXING VALVE



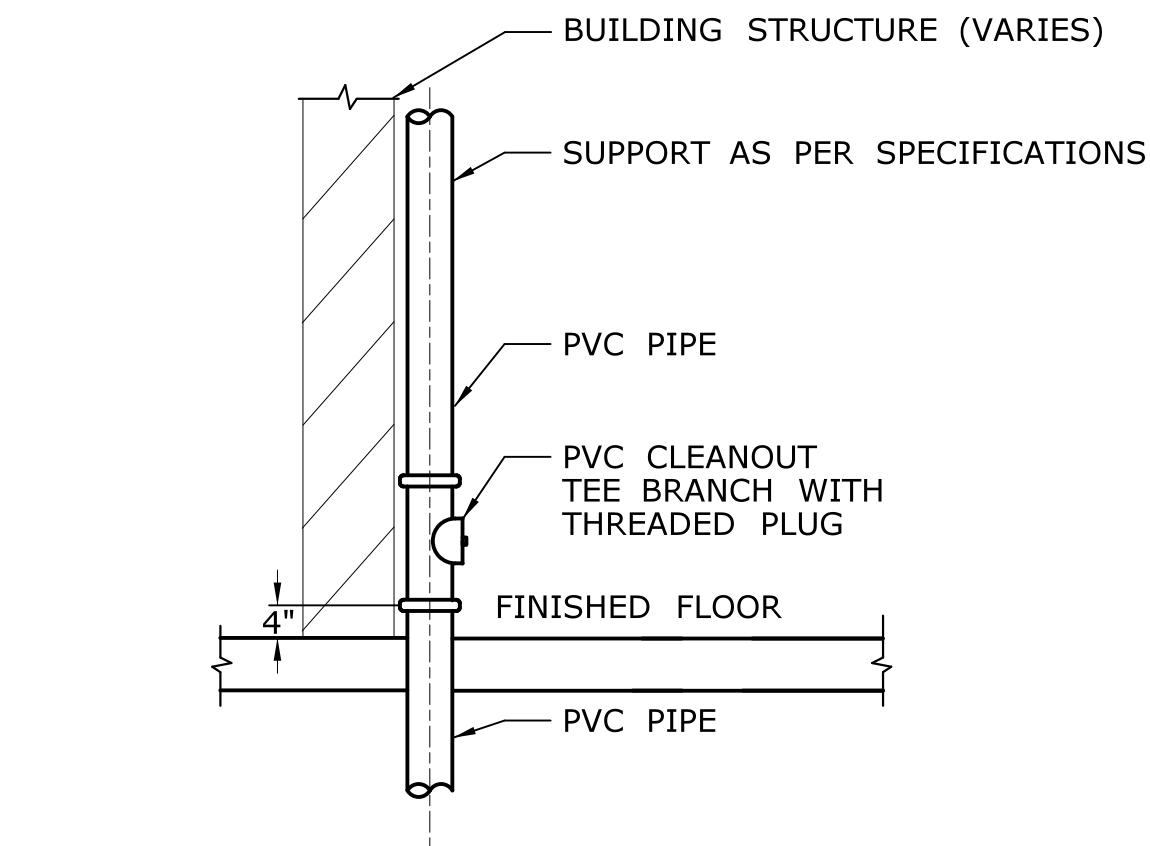
### EYE/FACE WASH DETAIL WITH INSTANTANEOUS HEATER

					DESIGNER/DRAFTER: <b>JAB</b>	 <b>STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION</b>	SIGNATURE/ BLOCK:  <b>OFFICE OF ENGINEERING</b>	PROJECT TITLE:  <b>POMFRET MAINTENANCE FACILITY</b>	TOWN:  <b>POMFRET</b>	PROJECT NO. <b>111-121</b>
					CHECKED BY: <b>MJS</b>			APPROVED BY: 		DRAWING NO. <b>P-011</b>
					NOT TO SCALE					SHEET NO. <b>07.11</b>
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 8/10/2015		Filename: ...FD-MSH-PLM-0111-0121-P011.dgn				

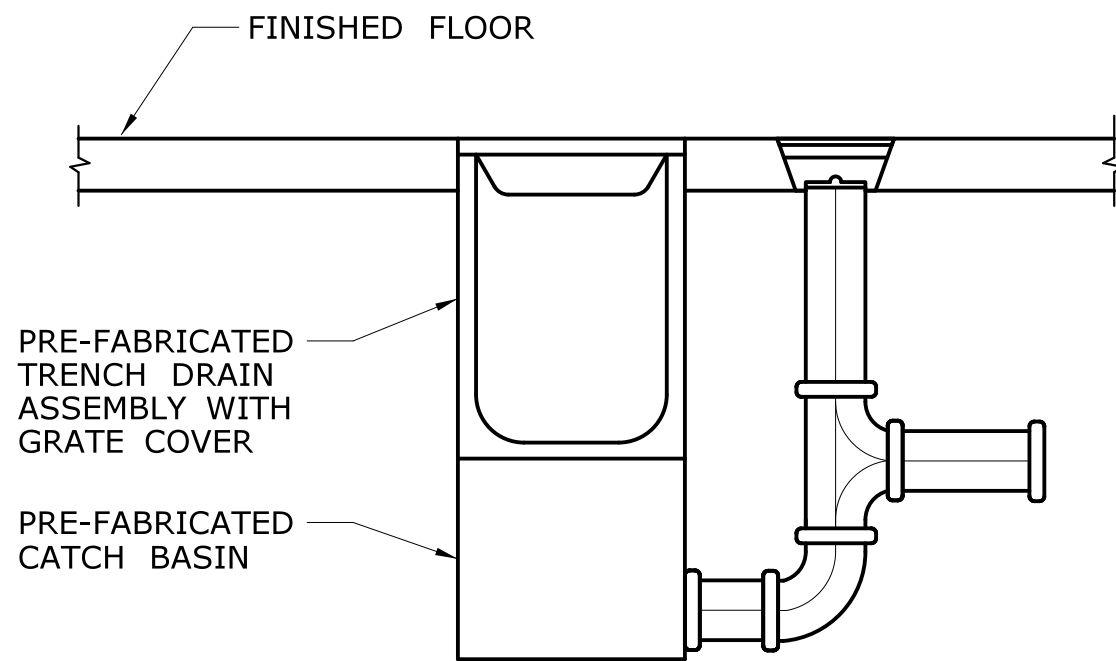


TRAP PRIMER CONNECTION DETAIL

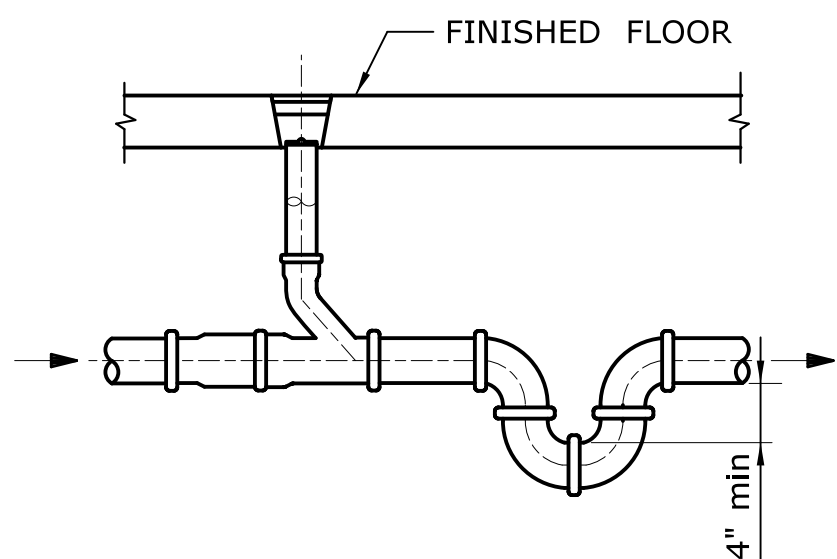
- NOTES:
1. REFER TO PLAN P-002 FOR PLUMBING FIXTURE SCHEDULE.
  2. REFER TO PLANS FOR FIXTURE LOCATIONS.
  3. REFER TO PLAN SHEETS FOR SIZE AND LOCATION OF CLEANOUTS.
  4. REFER TO ARCHITECTURAL DRAWINGS FOR PLUMBING VENT THRU ROOF DETAIL.



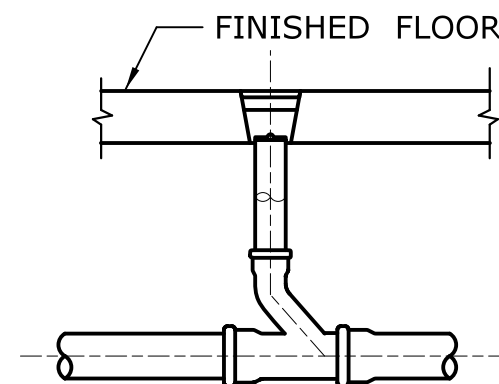
ROOF DRAINAGE  
DOWNSPOUT SHOE DETAIL C  
P-009



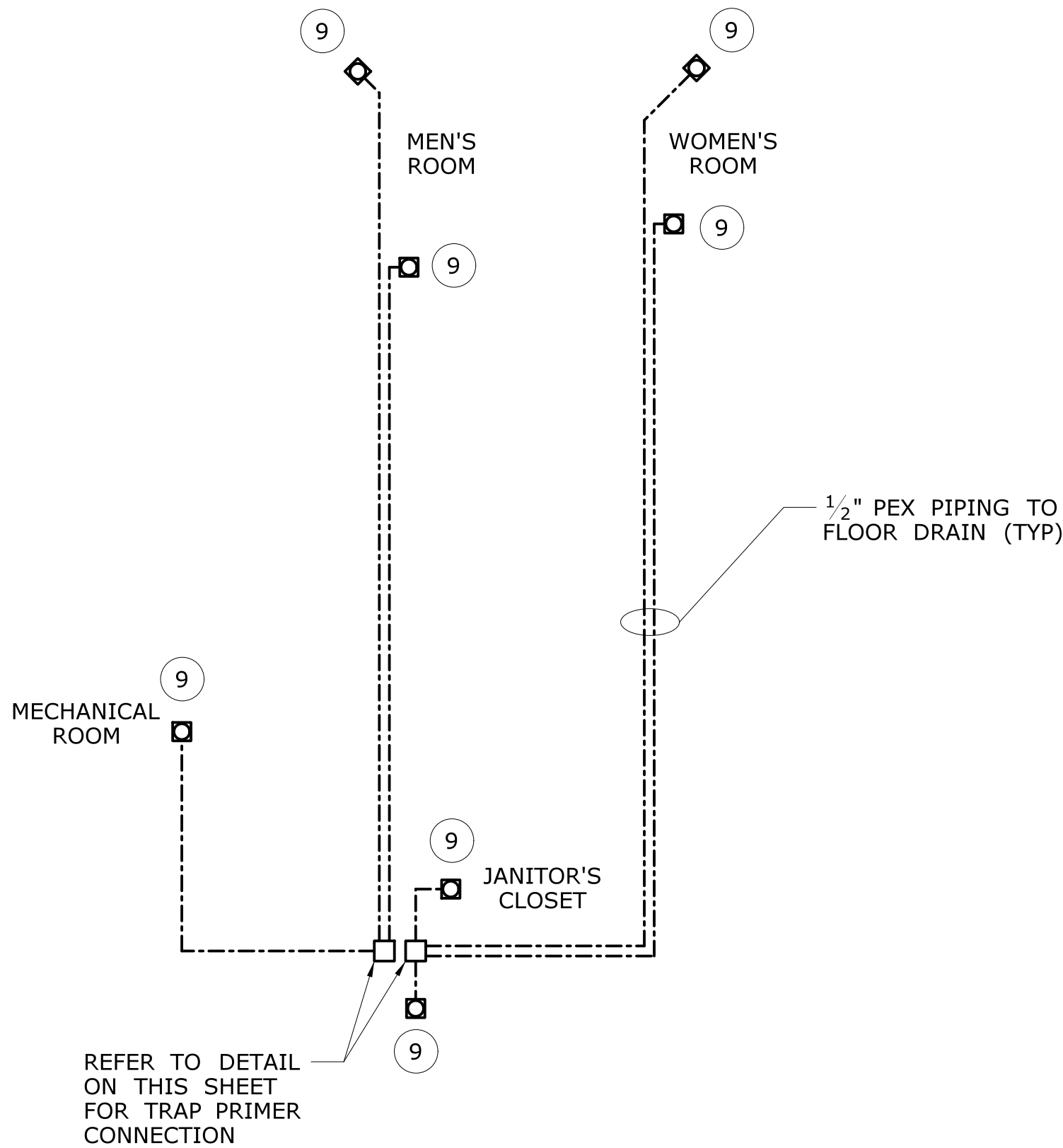
CHANNEL DRAIN CATCH BASIN  
WITH TRAP AND CLEANOUT DETAIL



FLOOR CLEANOUT  
WITH STANDARD TRAP DETAIL



FLOOR CLEANOUT DETAIL



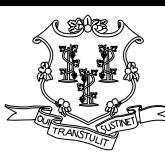
OFFICE AREA  
TRAP PRIMER PIPING DIAGRAM


REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

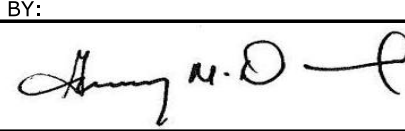
Plotted Date: 8/10/2015

DESIGNER/DRAFTER:  
**JAB**  
CHECKED BY:  
**MJS**  
NOT TO SCALE

**STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION**



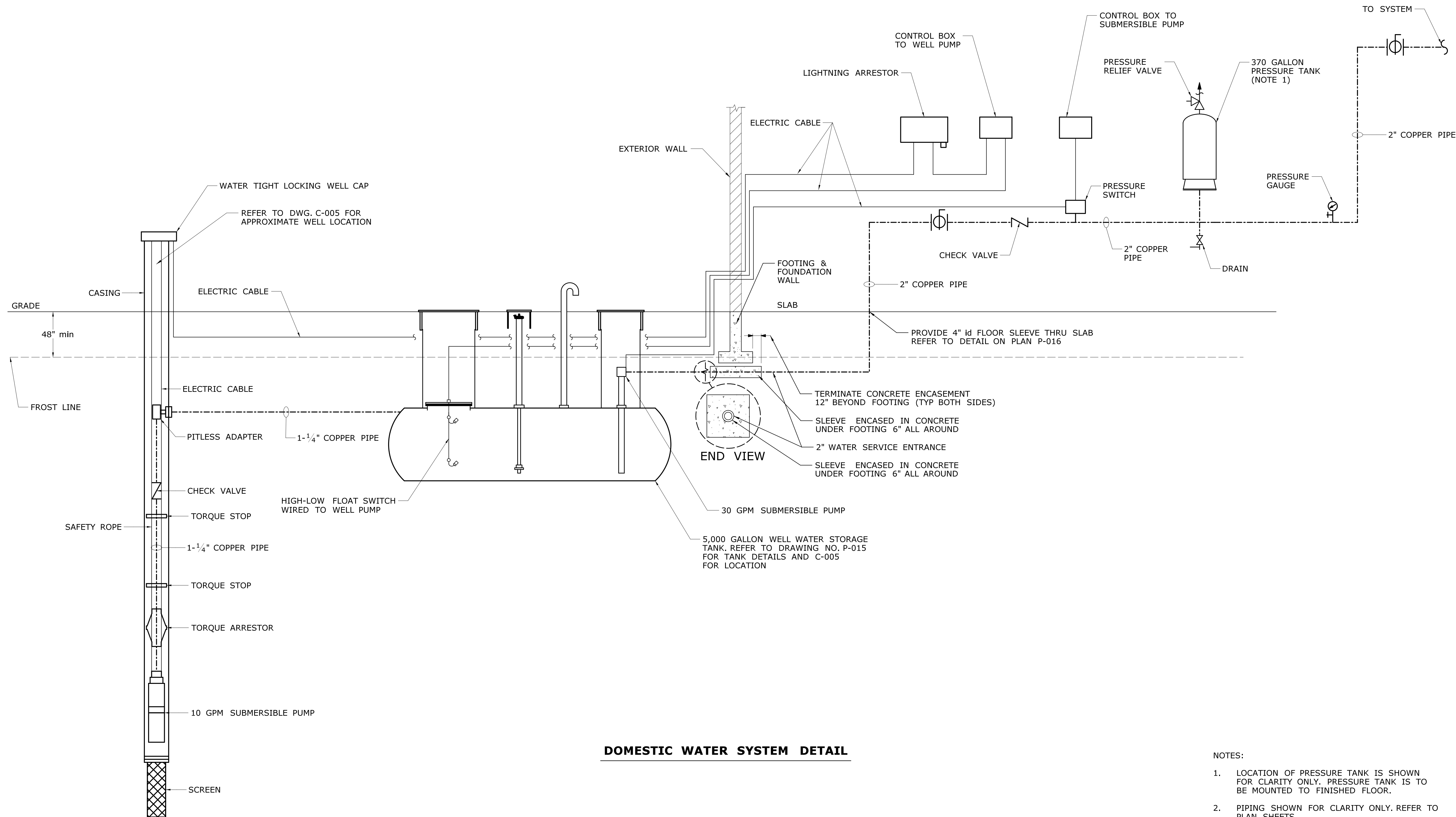
Filename: ...\\FD\_MSH\_PLM\_0111\_0121\_P012.dgn

SIGNATURE/  
BLOCK:  
**OFFICE OF ENGINEERING**  
APPROVED BY:  


PROJECT TITLE:  
**POMFRET MAINTENANCE  
FACILITY**

TOWN:  
**POMFRET**  
DRAWING TITLE:  
**PLUMBING  
DRAINAGE DETAILS**

PROJECT NO.  
**111-121**  
DRAWING NO.  
**P-012**  
SHEET NO.  
**07.12**



DOMESTIC WATER SYSTEM DETAIL

- NOTES:
- 1. LOCATION OF PRESSURE TANK IS SHOWN FOR CLARITY ONLY. PRESSURE TANK IS TO BE MOUNTED TO FINISHED FLOOR.
  - 2. PIPING SHOWN FOR CLARITY ONLY. REFER TO PLAN SHEETS.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.


THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 8/10/2015

DESIGNER/DRAFTER:  
**JJT**


CHECKED BY:  
**JAB**

NOT TO SCALE

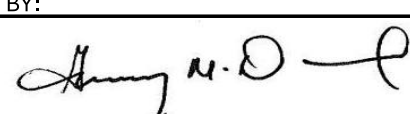


**STATE OF CONNECTICUT**  
**DEPARTMENT OF TRANSPORTATION**

Filename: ...\\FD\_MSH\_PLM\_0111\_0121\_P013.dgn



SIGNATURE/BLOCK:  
**OFFICE OF ENGINEERING**

APPROVED BY:  


PROJECT TITLE:  
**POMFRET MAINTENANCE FACILITY**

TOWN:  
**POMFRET**

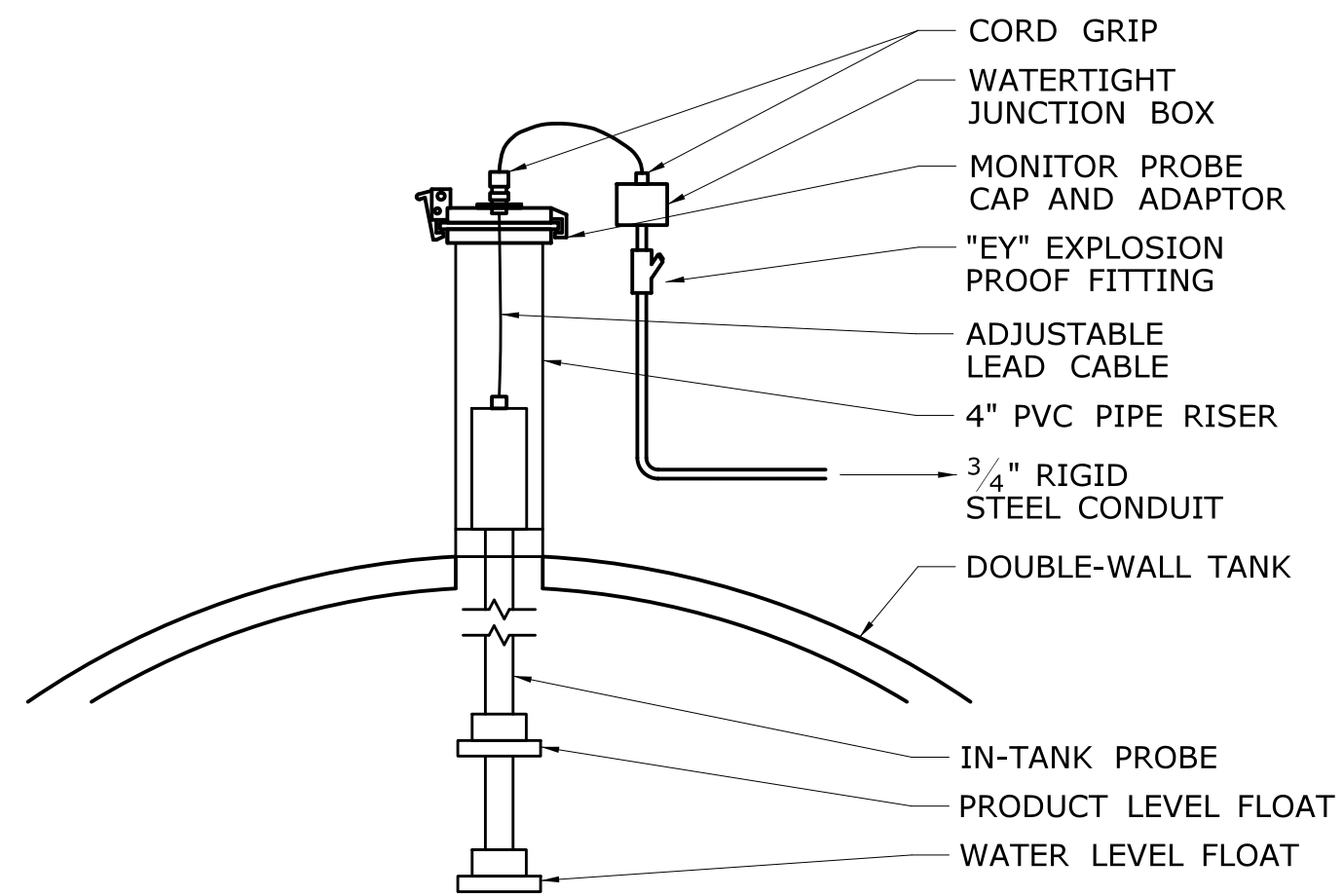
DRAWING TITLE:  
**DOMESTIC WATER SYSTEM DETAIL**

PROJECT NO.  
**111-121**

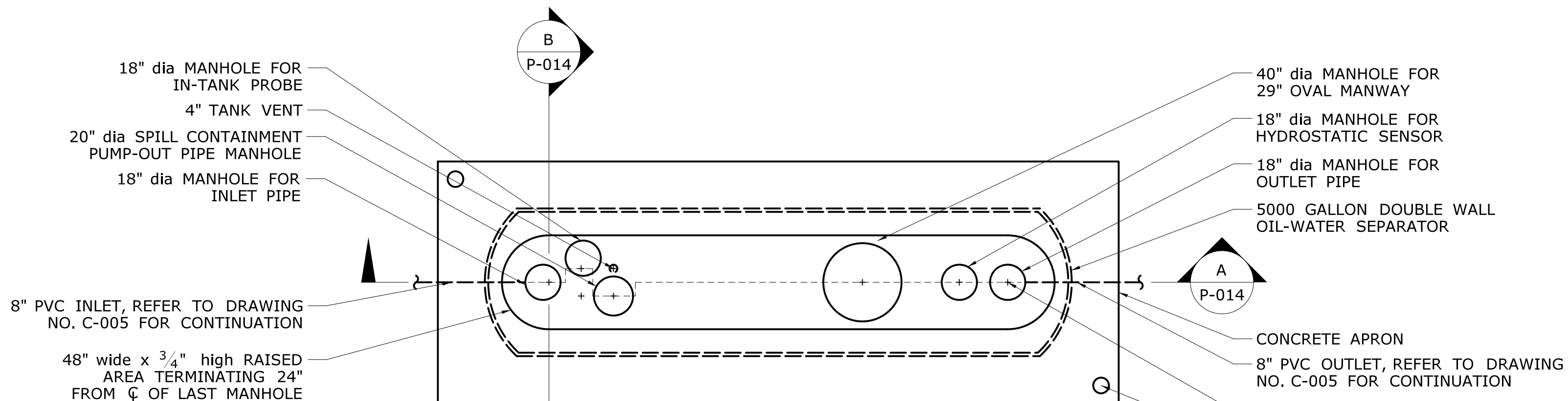
DRAWING NO.  
**P-013**

SHEET NO.  
**07.13**

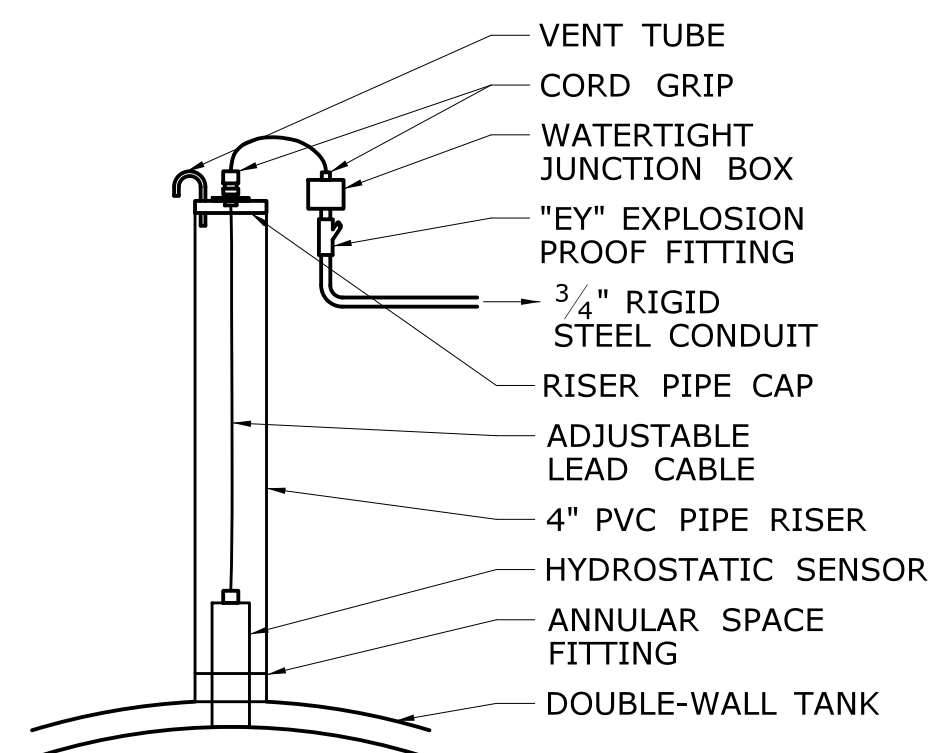




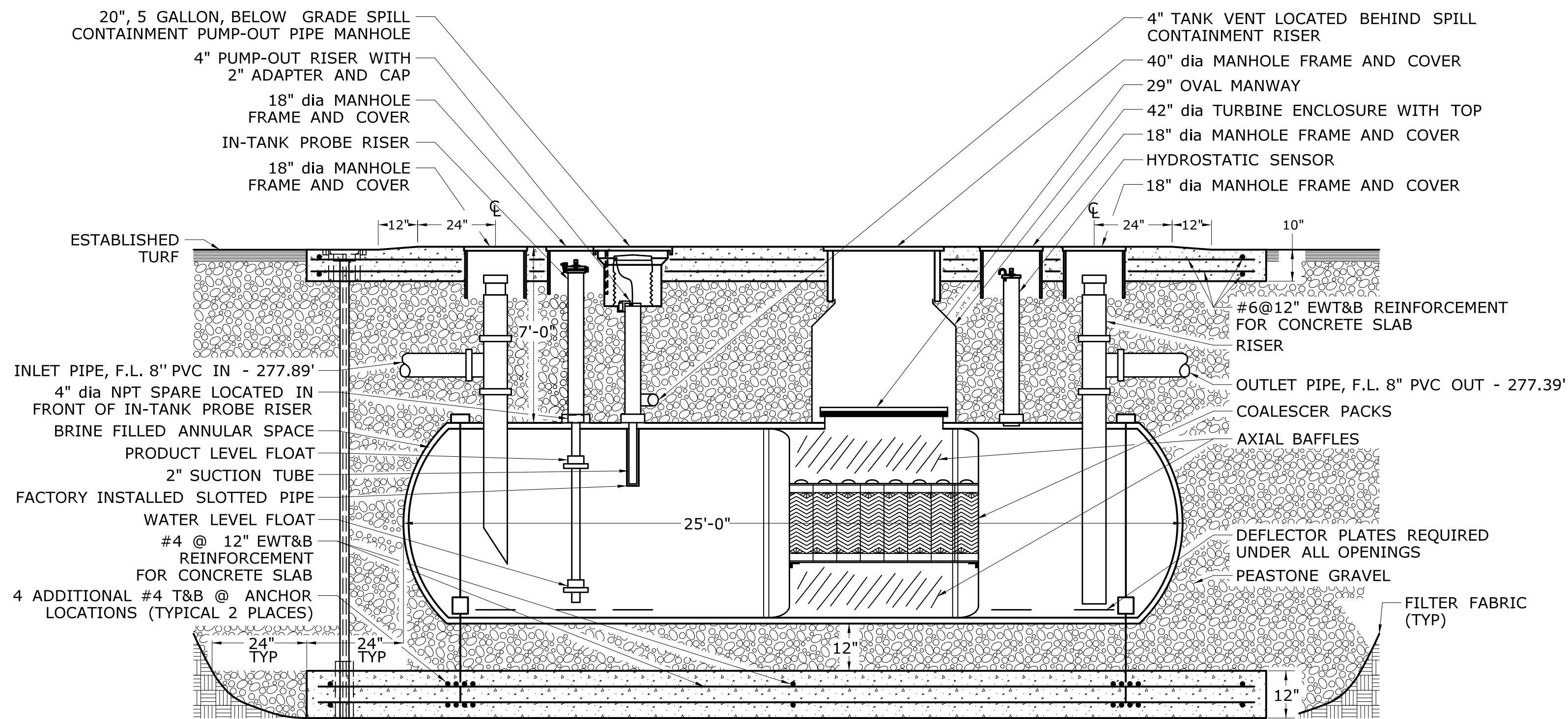
**IN-TANK PROBE DETAIL**  
NOT TO SCALE



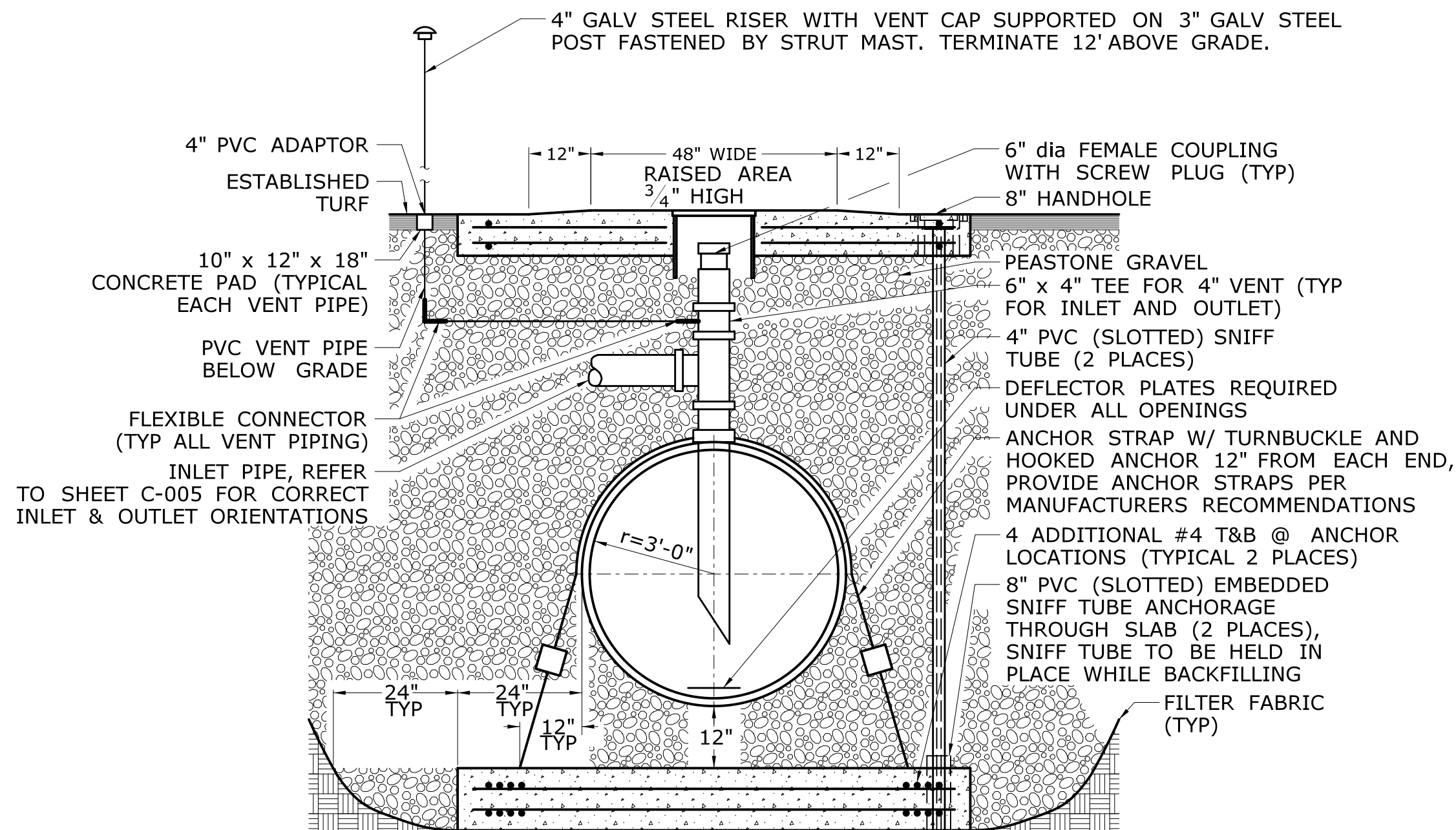
**OIL-WATER SEPARATOR PLAN VIEW**  
SCALE: 1/4" = 1'-0"



**HYDROSTATIC SENSOR DETAIL**  
NOT TO SCALE



**SECTION A**  
NOT TO SCALE **P-014**





**SECTION B**  
NOT TO SCALE **P-014**

**5000 GALLON DOUBLE WALL OIL-WATER SEPARATOR DETAIL**  
NOT TO SCALE

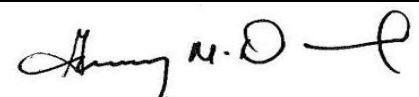
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 8/10/2015

DESIGNER/DRAFTER: <b>JAB</b>
CHECKED BY: <b>MJS</b>
SCALE AS NOTED

**STATE OF CONNECTICUT**  
**DEPARTMENT OF TRANSPORTATION**

  
Filename: ...\\FD\_MSH\_PLM\_0111\_0121\_P014.dgn

SIGNATURE/  
BLOCK:  
**OFFICE OF ENGINEERING**

APPROVED BY:  


PROJECT TITLE:  
**POMFRET MAINTENANCE FACILITY**

TOWN:  
**POMFRET**

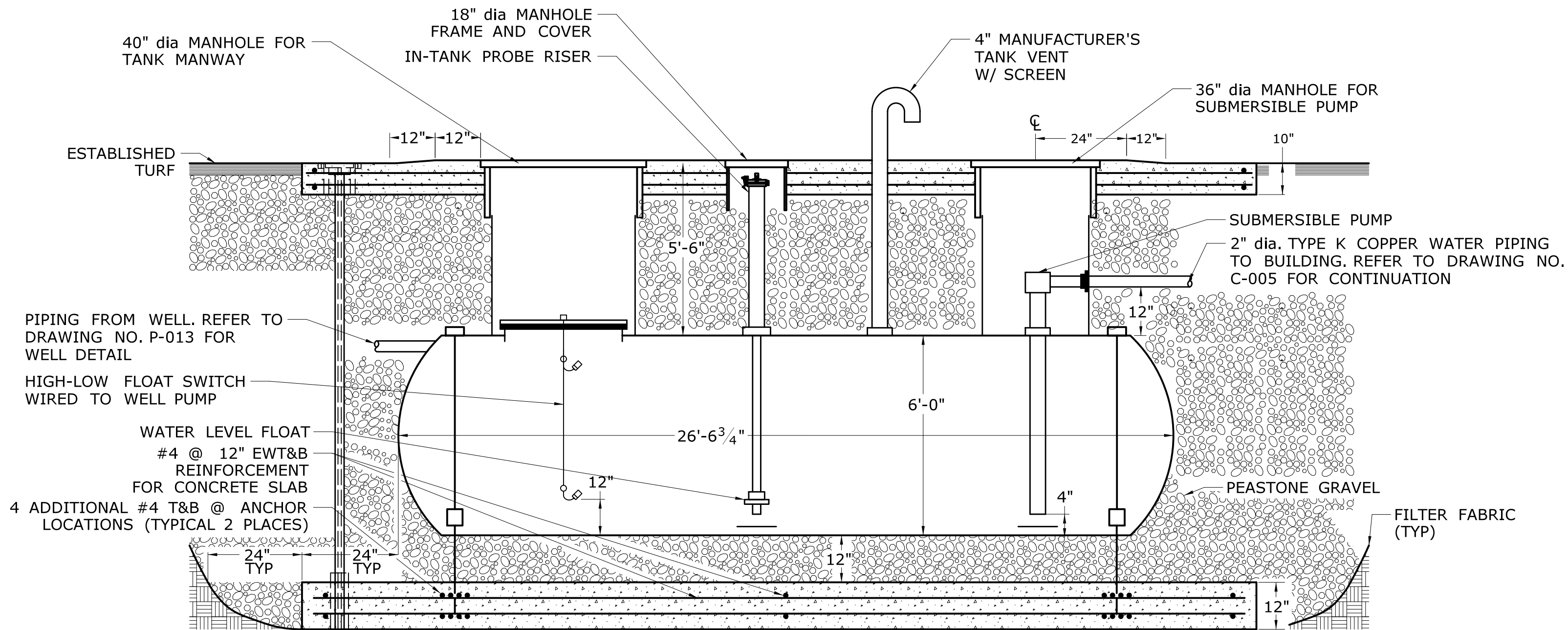
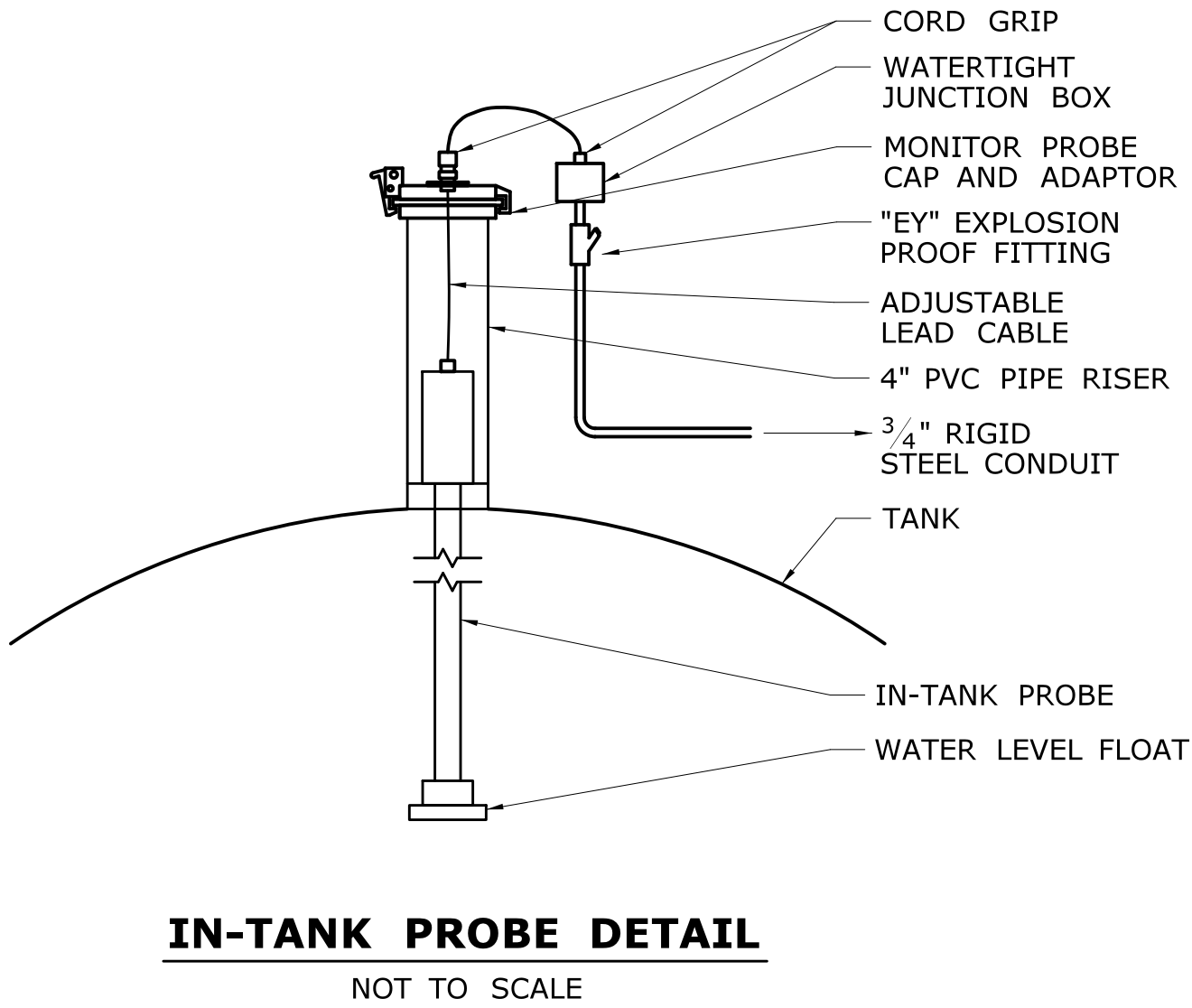
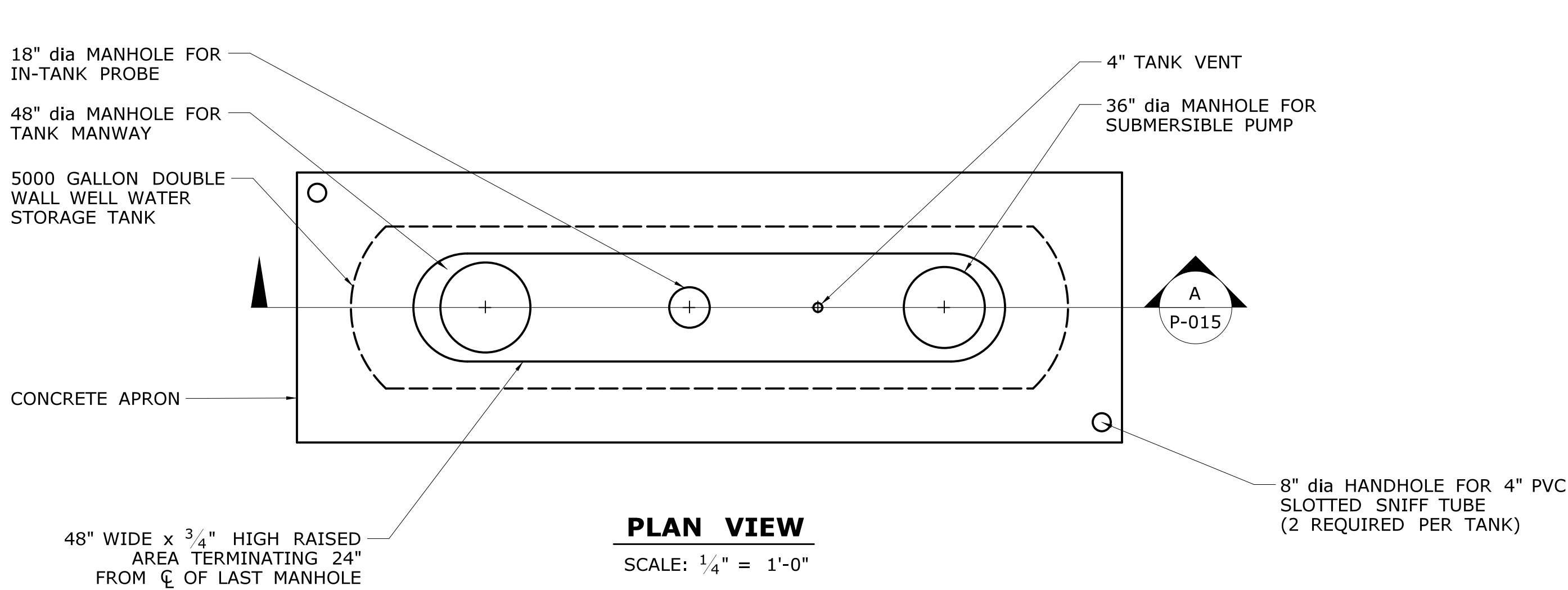
DRAWING TITLE:  
**OIL-WATER SEPARATOR**

PROJECT NO.  
**111-121**

DRAWING NO.  
**P-014**

SHEET NO.  
**07.14**





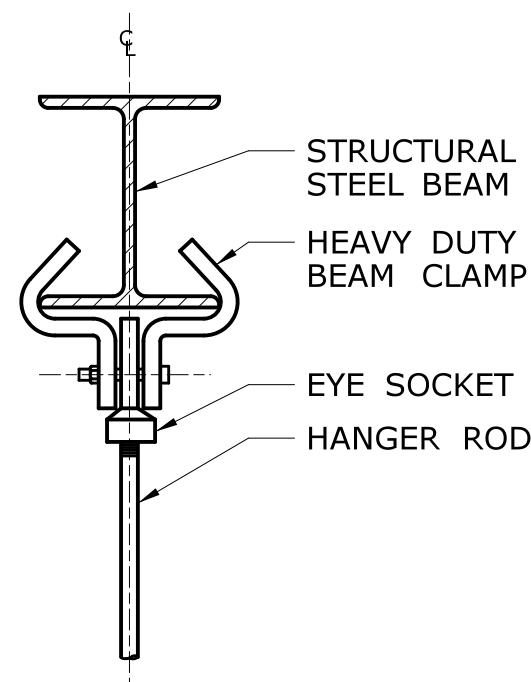


NOTES:

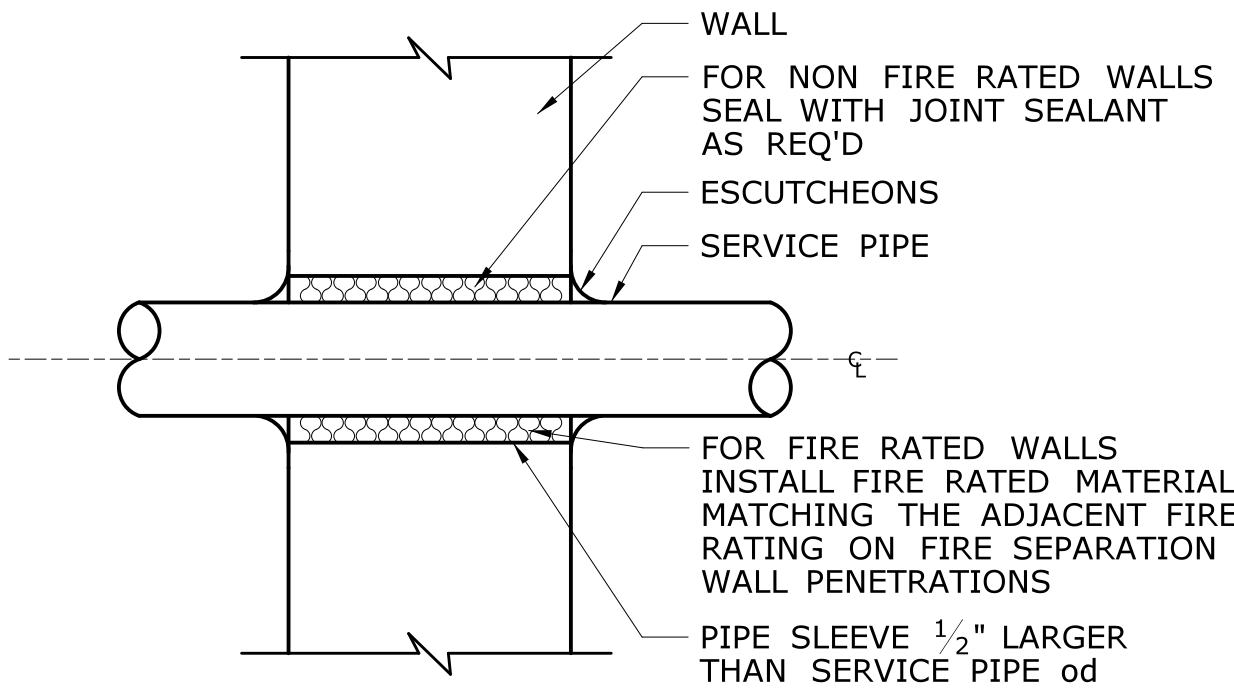
1. THE DESIGNED TANK DIMENSIONS ARE BASED ON CONTAINMENT SOLUTIONS. ACTUAL PAD DIMENSIONS SHALL BE SIZED BASED ON THE APPROVED TANK DIMENSIONS.
2. THE MANHOLE ARRANGEMENT IS BASED ON CONTAINMENT SOLUTIONS TANKS. ACTUAL MANHOLE ARRANGEMENT SHALL BE REDESIGNED AS NECESSARY BASED ON THE APPROVED TANK MANUFACTURER.
3. ALL CONDUITS SHALL BE PROVIDED WITH EXPLOSIONPROOF FITTINGS AND SEALED AS REQUIRED IN ACCORDANCE WITH NFPA 70.
4. ALLOW SLACK AT TANK IN ALL PIPING FOR SETTLING OF TANK.

5000 GALLON WELL WATER STORAGE TANK DETAIL  
NOT TO SCALE

				THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.		DESIGNER/DRAFTER: <b>JAB</b>		 <b>STATE OF CONNECTICUT</b> <b>DEPARTMENT OF TRANSPORTATION</b>	SIGNATURE/ BLOCK: <b>OFFICE OF ENGINEERING</b>		PROJECT TITLE: <b>POMFRET MAINTENANCE FACILITY</b>	TOWN: <b>POMFRET</b>	PROJECT NO. <b>111-121</b>			
						CHECKED BY: <b>MJS</b>			APPROVED BY: 				DRAWING NO. <b>P-015</b>			
						SCALE AS NOTED							DRAWING TITLE: <b>WELL WATER STORAGE TANK</b>		SHEET NO. <b>07.15</b>	
REV.	DATE	REVISION DESCRIPTION		SHEET NO.	Plotted Date: 8/10/2015				Filename: ...\\FD_MSH_PLM_0111_0121_P015.dgn							

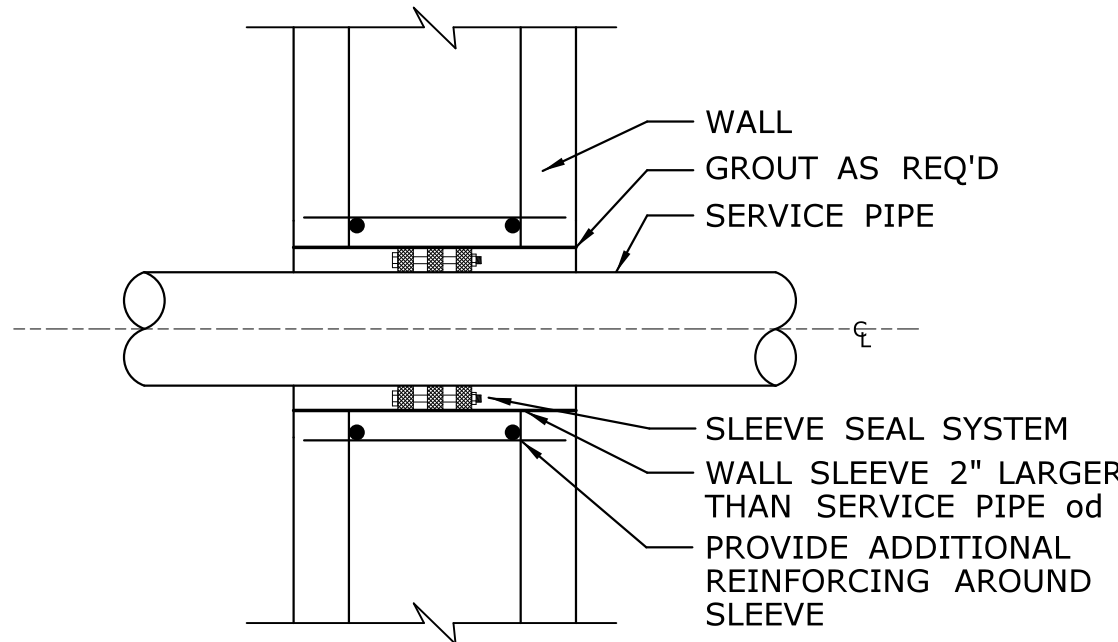


**CENTER BEAM CLAMP WITH EYE NUT  
TYPE ATTACHMENT TO STEEL BEAM**



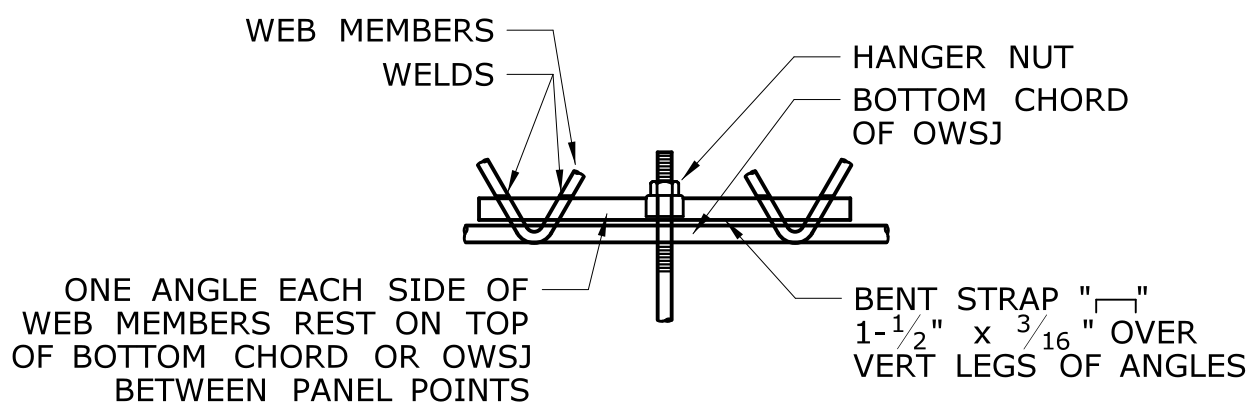
NOTE: SEAL ALL PENETRATIONS AS PER SPECIFICATIONS.

**INTERIOR WALL SLEEVE DETAIL**

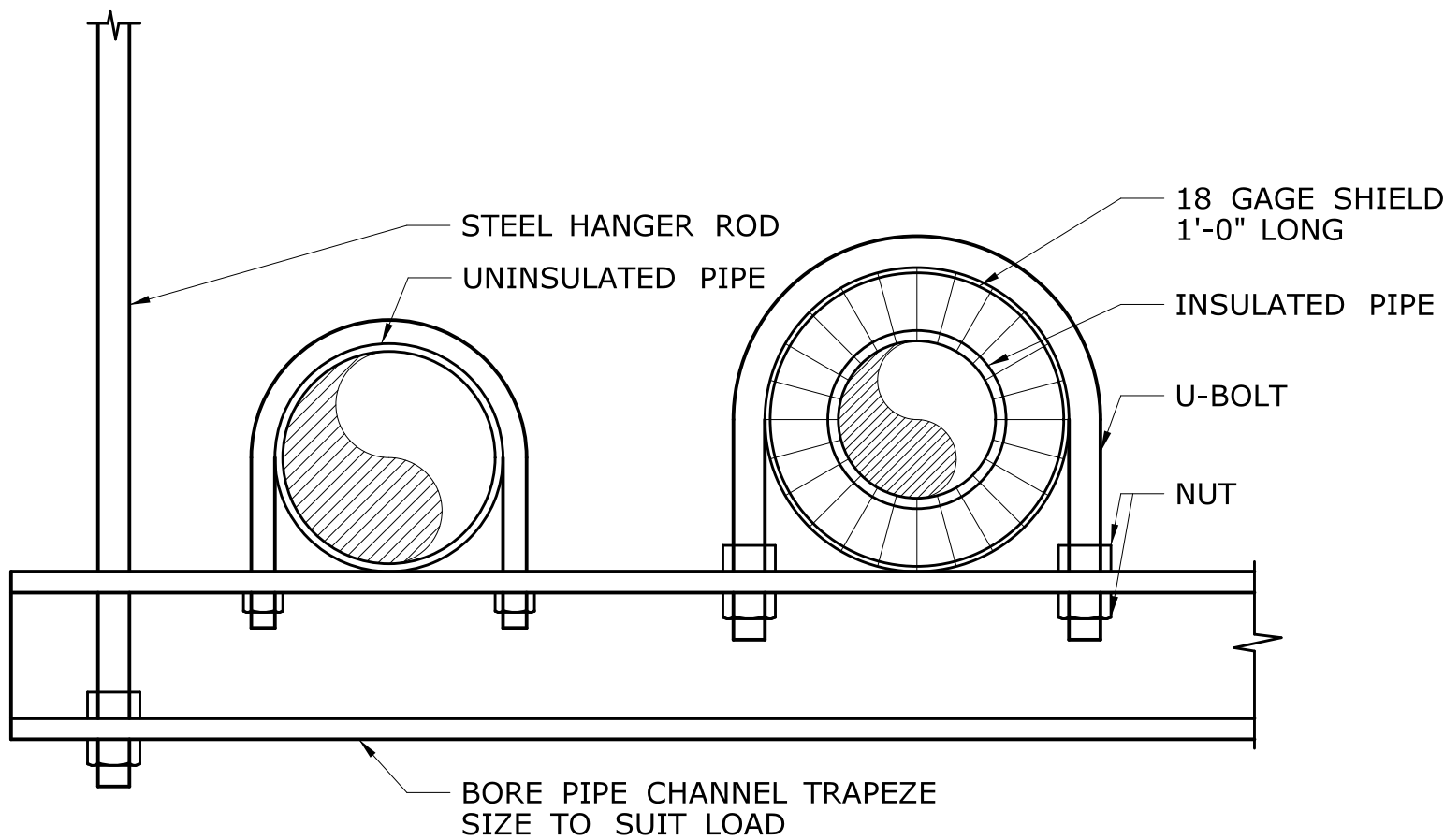


NOTE: SEAL ALL PENETRATIONS AS PER SPECIFICATIONS.

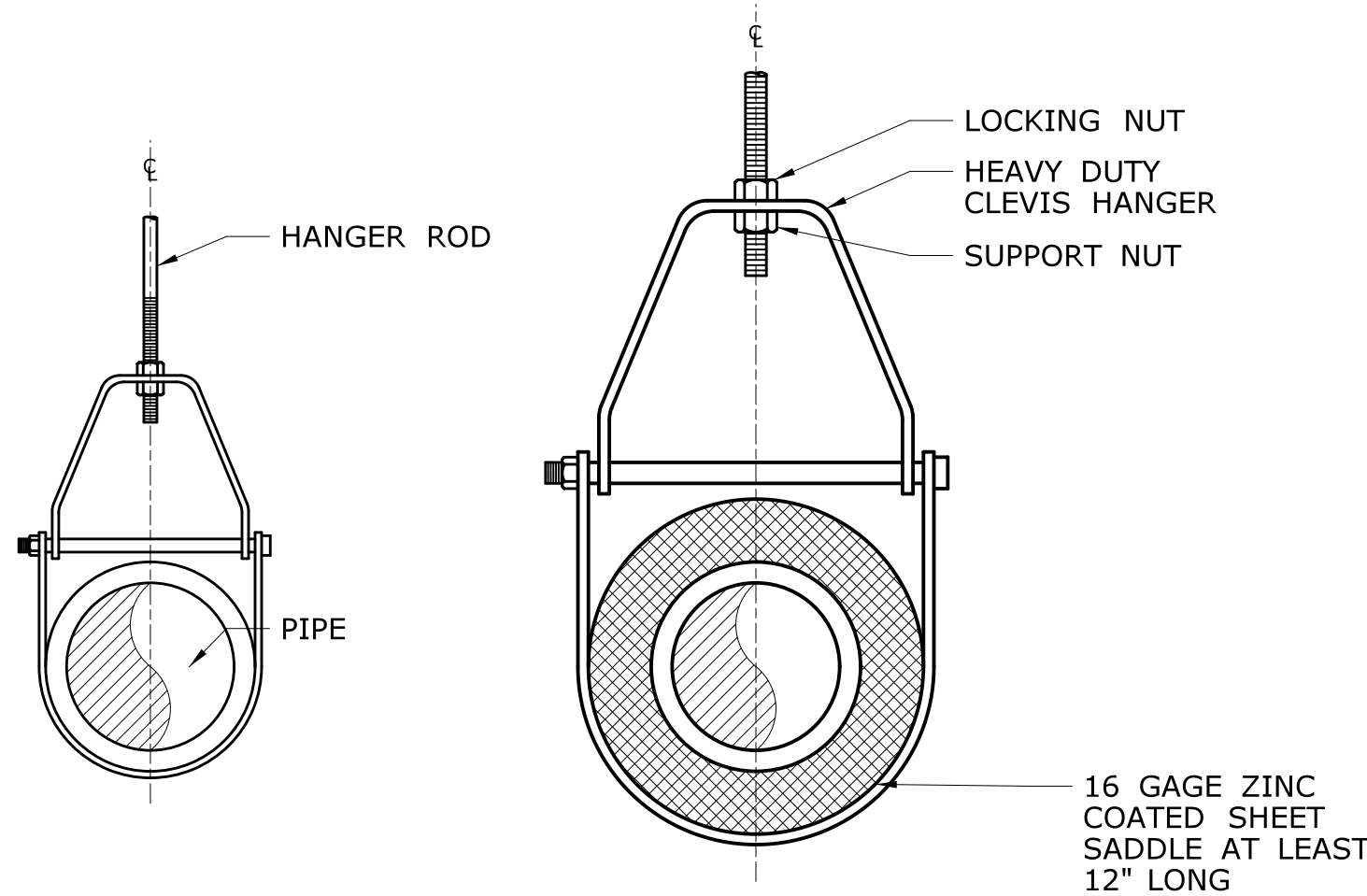
**EXTERIOR WALL SLEEVE DETAIL**



**ATTACHMENT TO  
OPEN WEB STEEL JOISTS**





**TRAPEZE PIPE SUPPORT**



**UNINSULATED  
PIPE**

**INSULATED PIPE  
WITH VAPOR BARRIER**

**ADJUSTABLE STEEL CLEVIS HANGER**

				DESIGNER/DRAFTER: <b>JJT</b>		 <b>STATE OF CONNECTICUT</b> <b>DEPARTMENT OF TRANSPORTATION</b>	 <b>OFFICE OF ENGINEERING</b>	PROJECT TITLE: <b>POMFRET MAINTENANCE FACILITY</b>	TOWN: <b>POMFRET</b>	PROJECT NO. <b>111-121</b>
				CHECKED BY: <b>JAB</b>						
				NOT TO SCALE						
				THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.						
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 8/10/2015		Filename: ...\\FD_MSH_PLM_0111_0121_P016.dgn		DRAWING TITLE: <b>PLUMBING MISCELLANEOUS DETAILS</b>		SHEET NO. <b>07.16</b>